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■ Jevity® 1.5 Cal	64
■ Juven®	66

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■ Nepro® with Carb Steady®	68
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■ Osmolite® 1.2 Cal	72
■ Osmolite® 1.5 Cal	74
■ Oxepa®	76

PediaLyte®–PediaSure®

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■ PediaSure® With Fiber	84
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■ PediaSure® Enteral Formula 1.0 Cal	90
■ PediaSure® Enteral Formula 1.0 Cal With Fiber	92
■ PediaSure® Peptide 1.0 Cal	94
■ PediaSure® Peptide 1.5 Cal	96
■ PediaSure SideKicks® 0.63 Cal/mL	98
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■ Pivot® 1.5 Cal	104
■ Polycose®	106
■ ProMod® Liquid Protein	108
■ Promote®	110
■ Promote® With Fiber	112
■ Pulmocare®	114
■ Suplena® with Carb Steady®	116
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Every effort is made to ensure that all product information is accurate at the time of publication. However, this information is subject to change. Please refer to the product label for the most current ingredient, allergen, and nutrient profile information.

The HCPCS codes provided in this book are taken from government publications and are provided from information correct at the time of publication. They are provided for your information only. Health care providers are ultimately responsible for making appropriate product selections per individual patient and verifying that codes used for third-party billing are accurate for the items provided.

NDC format codes: Products sold by Abbott Nutrition Products, Abbott Laboratories, are classified as Medical Foods by the US Food and Drug Administration. NDC format codes are product codes adjusted according to standard industry practice to meet the format requirements of pharmacy and health insurance computer systems. Abbott Nutrition does not represent these products to be drugs, nor their codes to be NDC codes.

NDC format codes have been submitted by Abbott Nutrition to data warehouses. While Abbott Nutrition cannot confirm the NDC format codes have been published, the codes listed are based on the formatting established by NDC data warehouses.

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By Product Usage*

* Suggested uses for some Abbott Nutrition products.
Not a complete listing of all Abbott Nutrition Medical Nutritional products.

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■ Ensure Complete™	20
■ Ensure® High Protein	22
■ Promote®	110
■ Promote® With Fiber	112

Burns

■ Ensure Complete™	20
■ Juven®	66
■ Pivot® 1.5 Cal	104

Cancer

■ Ensure Clear®	16,18
■ Ensure Complete™	20
■ Ensure Plus®	30
■ Juven®	66
■ Vital AF 1.2 Cal®	124

Cerebrovascular Accident/Stroke

■ Ensure Complete™	20
■ Ensure® Pudding	34
■ Jevity® 1.2 Cal	62
■ Osmolite® 1.2 Cal	72

■ TwoCal® HN	118
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Chronic Kidney Disease (CKD)

■ Nepro® with Carb Steady®	68
■ ProMod® Liquid Protein	108
■ Suplena® with Carb Steady®	116

Congestive Heart Failure

■ Ensure Complete™	20
■ Ensure Plus®	30
■ Jevity® 1.5 Cal	64
■ Osmolite® 1.5 Cal	74
■ TwoCal® HN	118

COPD

■ Ensure Complete™	20
■ Pulmocare®	114

Coronary Heart Disease/ Arteriosclerotic Heart Disease

■ Ensure®	14
■ Ensure Complete™	20
■ Ensure® Immune Health	26
■ Ensure Plus®	30
■ Hi-Cal	58
■ Jevity® 1.2 Cal	62
■ Osmolite® 1.2 Cal	72

Diabetes/Abnormal Glucose Metabolism

■ Glucerna® 1.0 Cal	36
■ Glucerna® 1.2 Cal	38
■ Glucerna® 1.5 Cal	40
■ Glucerna® Hunger Smart Shake	42

■ Glucerna® Hunger Smart Snack Bar	44
■ Glucerna® Meal Bar	46
■ Glucerna® Mini-Snack Bar	48
■ Glucerna® Shake (Bottles)	50
■ Glucerna® Snack Bar	52
■ Glucerna® Therapeutic Nutrition Shake (cans)	56

Dysphagia

■ Ensure Complete™	20
■ Ensure Plus®	30
■ Ensure® Pudding	34
■ Hi-Cal	58
■ Jevity® 1.2 Cal	62
■ Osmolite® 1.2 Cal	72
■ TwoCal® HN	118

Halal

Most Abbott Nutrition products are certified Halal. Please see www.ifanca.org for more information.

■ EleCare®	10
■ EleCare® Jr	12
■ Ensure®	14
■ Ensure Clear®	16,18
■ Ensure Complete™	20
■ Ensure® High Protein	22
■ Ensure® Immune Health	26
■ Ensure® Muscle Health	28
■ Ensure Plus®	30
■ Ensure® Powder	32
■ Ensure® Pudding	34
■ Glucerna® 1.0 Cal	36

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■ Glucerna® 1.5 Cal	40
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■ Glucerna® Meal Bar (Certain Flavors)	46
■ Glucerna Mini-Snack Bar (Certain Flavors)	48
■ Glucerna® Shake (Bottles)	50
■ Glucerna® Snack Bar	52
■ Glucerna® Snack Shake (Certain Flavors)	54
■ Glucerna® Therapeutic Nutrition Shake (cans)	56
■ Hi-Cal	58
■ Jevity® 1 Cal	60
■ Jevity® 1.2 Cal	62
■ Jevity® 1.5 Cal	64
■ Juven®	66
■ Nepro® with Carb Steady® (Certain Flavors)	68
■ Osmolite® 1 Cal	70
■ Osmolite® 1.2 Cal	72
■ Osmolite® 1.5 Cal	74
■ Oxepa®	76
■ Pedialyte® Liters (Certain Flavors) . 78	
■ Pedialyte® Singles	78
■ Pedialyte® Powder	80
■ PediaSure®	82
■ PediaSure® With Fiber	84
■ PediaSure® 1.5 Cal	86
■ PediaSure® 1.5 Cal With Fiber	88

■ PediaSure® Enteral Formula 1.0 Cal	90
■ PediaSure® Enteral Formula 1.0 Cal With Fiber	92
■ PediaSure® Peptide 1.0 Cal	94
■ PediaSure® Peptide 1.5 Cal	96
■ PediaSure SideKicks® 0.63 Cal/mL	98
■ PediaSure SideKicks® Clear (wild berry only)	100
■ Perative®	102
■ Pivot® 1.5 Cal	104
■ Polycose®	106
■ Promote®	110
■ Promote® With Fiber	112
■ Pulmocare®	114
■ Suplena® with Carb Steady®	116
■ TwoCal® HN	118

HIV/AIDS

■ Ensure Complete™	20
■ Ensure Plus®	30
■ Juven®	66

Kosher

Most Abbott Nutrition products are certified Kosher. Please see www.oukosher.org for more information.

■ Ensure®	14
■ Ensure Clear®	16,18
■ Ensure Complete™	20
■ Ensure® High Protein	22

■ Ensure® High Protein Shake	24
■ Ensure® Immune Health	26
■ Ensure® Muscle Health	28
■ Ensure Plus®	30
■ Ensure® Powder	32
■ Ensure® Pudding	34
■ Glucerna® 1.0 Cal	36
■ Glucerna® 1.2 Cal	38
■ Glucerna® 1.5 Cal	40
■ Glucerna® Hunger Smart Shake . 42	
■ Glucerna® Hunger Smart Snack Bar 44	
■ Glucerna® Meal Bar	46
■ Glucerna® Mini-Snack Bar	48
■ Glucerna® Shake (Bottles)	50
■ Glucerna® Snack Bar	52
■ Glucerna® Snack Shake	54
■ Glucerna® Therapeutic Nutrition Shake (cans)	56
■ Hi-Cal	58
■ Jevity® 1 Cal	60
■ Jevity® 1.2 Cal	62
■ Jevity® 1.5 Cal	64
■ Juven®	66
■ Nepro® with Carb Steady®	68
■ Osmolite® 1 Cal	70
■ Osmolite® 1.2 Cal	72
■ Osmolite® 1.5 Cal	74
■ Pedialyte® Liters/Singles	78
■ Pedialyte® Powder/Freezer Pops 80	
■ PediaSure®	82
■ PediaSure® With Fiber	84
■ PediaSure® 1.5 Cal	86

■ PediaSure® 1.5 Cal With Fiber	88
■ PediaSure® Enteral Formula 1.0 Cal	90
■ PediaSure® Enteral Formula 1.0 Cal With Fiber	92
■ PediaSure® Peptide 1.0 Cal	94
■ PediaSure® Peptide 1.5 Cal	96
■ PediaSure SideKicks® 0.63 Cal/mL	98
■ PediaSure SideKicks® Clear	100
■ Perative®	102
■ Polycose®	106
■ Promote®	110
■ Promote® With Fiber	112
■ Pulmocare®	114
■ Suplena® with Carb Steady®	116
■ TwoCal® HN	118

Malabsorption

■ EleCare®	10
■ EleCare® Jr	12
■ PediaSure® Peptide 1.0 Cal	94
■ PediaSure® Peptide 1.5 Cal	96
■ Vital® 1.0 Cal	120
■ Vital® 1.5 Cal	122
■ Vital AF 1.2 Cal®	124
■ Vital® HN	126

Malnutrition

■ Ensure®	14
■ Ensure Clear®	16,18
■ Ensure Complete™	20

■ Ensure® High Protein	22
■ Ensure® Immune Health	26
■ Ensure® Muscle Health	28
■ Ensure Plus®	30
■ Ensure® Powder	32
■ Ensure® Pudding	34

Metabolic Stress

■ Oxepa®	76
■ Perative®	102
■ Pivot® 1.5 Cal	104
■ Vital AF 1.2 Cal®	124

Oral Electrolyte Solution

■ Pedialyte® Liters/Singles	78
■ Pedialyte® Powder/Freezer Pops	80

Pediatric Nutrition

■ EleCare®	10
■ EleCare® Jr	12
■ PediaSure®	82
■ PediaSure® With Fiber	84
■ PediaSure® 1.5 Cal	86
■ PediaSure® 1.5 Cal With Fiber . .	88
■ PediaSure® Enteral Formula 1.0 Cal	90
■ PediaSure® Enteral Formula 1.0 Cal With Fiber	92
■ PediaSure® Peptide 1.0 Cal	94
■ PediaSure® Peptide 1.5 Cal	96
■ PediaSure SideKicks® 0.63 Cal/mL	98
■ PediaSure SideKicks® Clear	100

Post-Trauma/Surgery

■ Ensure Clear®	16,18
■ Ensure Complete™	20
■ Ensure® High Protein	22
■ Ensure® Muscle Health	28
■ Ensure Plus®	30
■ Juven®	66
■ Perative®	102
■ Pivot® 1.5 Cal	104
■ ProMod® Liquid Protein	108
■ Promote®	110
■ Promote® With Fiber	112
■ Vital AF 1.2 Cal®	124

Wound Healing/Pressure Ulcers

■ Ensure Complete™	20
■ Ensure® High Protein	22
■ Perative®	102
■ ProMod® Liquid Protein	108
■ Promote®	110
■ Promote® With Fiber	112

General Nutrition

Oral Feeding Without Fiber

■ EleCare®	10
■ EleCare® Jr	12
■ Ensure®	14
■ Ensure Clear®	16,18
■ Ensure® High Protein	22
■ Ensure® Muscle Health	28
■ Ensure® Powder	32
■ Hi-Cal	58

■ PediaSure® 1.5 Cal	86
■ PediaSure SideKicks® Clear	100
■ Pulmocare®	114
■ Vital® HN	126

Oral Feeding With Fiber

■ Ensure Complete™	20
■ Ensure® Immune Health	26
■ Ensure Plus®	30
■ Ensure® Pudding	34
■ Glucerna® Therapeutic Nutrition Shake	56
■ Nepro® with Carb Steady®	68
■ PediaSure®	82
■ PediaSure® With Fiber	84
■ PediaSure® 1.5 Cal With Fiber . .	88
■ PediaSure® Peptide 1.0	94
■ PediaSure® Peptide 1.5	96
■ PediaSure SideKicks® 0.63 Cal/mL	98
■ Suplena® with Carb Steady®	116
■ TwoCal® HN	118
■ Vital® 1.0 Cal	120
■ Vital® 1.5 Cal	122
■ Vital AF 1.2 Cal®	124

Tube Feeding Without Fiber

■ Osmolite® 1 Cal	70
■ Osmolite® 1.2 Cal	72
■ Osmolite® 1.5 Cal	74
■ Oxepa®	76
■ PediaSure® 1.5 Cal	86

■ PediaSure® Enteral Formula 1.0 Cal	90
■ Promote®	110
■ Pulmocare®	114
■ Vital® HN	126

Tube Feeding With Fiber

■ Glucerna® 1.0 Cal	36
■ Glucerna® 1.2 Cal	38
■ Glucerna® 1.5 Cal	40
■ Jevity® 1 Cal	60
■ Jevity® 1.2 Cal	62
■ Jevity® 1.5 Cal	64
■ Nepro® with Carb Steady®	68
■ PediaSure® 1.5 Cal With Fiber . .	88
■ PediaSure® Enteral Formula 1.0 Cal With Fiber	92
■ PediaSure® Peptide 1.0 Cal	94
■ PediaSure® Peptide 1.5 Cal	96
■ PediaSure SideKicks® 0.63 Cal/mL	98
■ Perative®	102
■ Pivot® 1.5 Cal	104
■ Promote® With Fiber	112
■ Suplena® with Carb Steady®	116
■ TwoCal® HN	118
■ Vital® 1.0 Cal	120
■ Vital® 1.5 Cal	122
■ Vital AF 1.2 Cal®	124



The Trusted Leader in Therapeutic Nutrition

A Heritage of Science-based Solutions for Specific Patient Needs

For more than 85 years, Abbott Nutrition has been developing science-based nutritional products to support the wellness of people of all ages. Our legacy is rooted in Abbott Laboratories, a global healthcare company devoted to the development of pharmaceuticals and medical products, including nutritionals. This scientific approach to nutrition enables us to provide you with resources to optimize patient outcomes.

We are a leader in nutritional products clinically shown to address the needs of people with serious health conditions or special nutrient requirements. Our research has produced innovative nutritional solutions:

- Revigor® (CaHMB)
- Immune Balance®
- CARB STEADY®
- Structured lipids

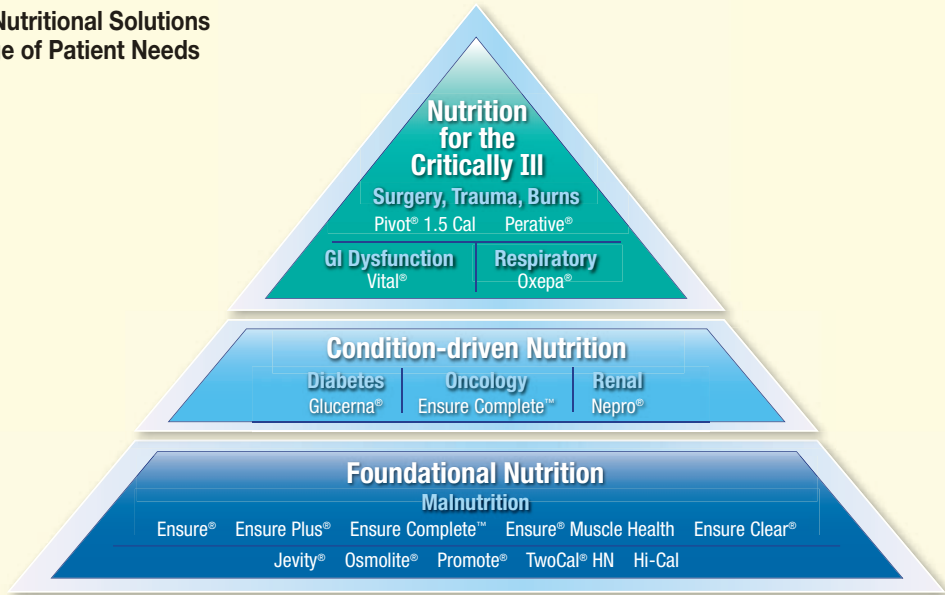
Scientific Support for Nutrition as an Important Component of Effective Medical Intervention

- Our knowledge, experience, and research capabilities drive the development of nutritional products that advance quality of life for people of all ages
- Abbott Nutrition provides a strong base of clinical evidence to demonstrate the effectiveness of therapeutic nutrition in improving patient outcomes

A Condition-centered Approach for Nutritional Needs

Many patients have conditions that require specific nutritional needs. Addressing those needs is an important component of the high-quality care that every patient deserves. The Abbott Therapeutic Nutrition Portfolio addresses the nutritional needs of specific disease states and conditions.

Targeted Nutritional Solutions for a Range of Patient Needs



Ordering and Contact Information

■ Hospitals

Hospitals and other institutions can order Abbott Nutrition products through our website, **e-abbott.com, EDI**^{*} or by calling toll-free **1-800-551-5838**.

■ Retailers

Use only retail list numbers for ordering; do not use the institutional list numbers. Retail list numbers are listed on pages 180-183 and can be ordered through our website, **e-abbott.com, EDI**^{*} or by calling toll-free 1-800-551-5838.

■ Patients

For convenient home delivery, patients can order Abbott Nutrition products online at **AbbottStore.com** or by calling toll-free **1-800-986-8502**. Pay by VISA[®], MasterCard[®], American Express[®], or Discover[®]. Patients can receive more information about Abbott Nutrition products by calling **Abbott Nutrition Consumer Relations at 1-800-227-5767**.

Visit **AbbottNutrition.com** for:

- Abbott Nutrition Medical Nutritional Product Profiles
- Medicare, Medicaid, and Private Insurance Information
- Link to Continuing Education

^{*}e-abbott.com and EDI are preferred methods

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Use Under Medical Supervision

Many Abbott Nutrition Medical Nutritional formulas are medical foods designed to meet specific needs of patients with certain conditions. The choice of the optimal product for a patient must be based on patient-specific information and good clinical judgment. Unless otherwise specified, the Abbott Nutrition products listed in this book are for adults and children 9 or more years of age.

Product Information

Many Abbott Nutrition Medical Nutritional products are available in a variety of flavors and/or forms. Ingredient information is shown in this book only for primary flavors and forms, eg, Vanilla 8-fl-oz cans. Other flavors and forms may have minor ingredient differences. Check labels for the most current information on retail products.

Contacts

Name: _____

Telephone: _____

E-mail: _____

Fax: _____

EleCare®

Amino Acid-based
Infant Formula
with Iron



Usage

ELECare is a nutritionally complete amino acid-based formula for infants who cannot tolerate intact or hydrolyzed protein. ELECare is for the dietary management of protein maldigestion, malabsorption, severe food allergies, short-bowel syndrome, eosinophilic GI disorders, GI-tract impairment, or other conditions in which an amino acid-based diet is required.

- ELECare is for infants
- For oral or tube feeding
- Not for IV use

Features

- Clinically documented to be hypoallergenic¹ to virtually eliminate the potential for an allergic reaction to the formula in multiple food allergic children
- Clinically shown to support the growth of exclusively formula-fed infants²
- 100% free amino acids as nitrogen source
- DHA and ARA, nutrients that help support brain and eye development
- 33% of fat blend as medium-chain triglycerides (MCTs), an easily digested and well-absorbed fat source
- Supported by strict manufacturing standards and ELISA (Enzyme-linked ImmunoSorbent Assay) testing
- Does not contain milk protein, soy protein, fructose, galactose, lactose, or gluten
- Halal

Availability (See page 164 for retail list numbers.)

Flavor	List No.	NDC Format Code
— Powder: 14.1-oz (400-g) cans (measuring scoop enclosed); 6/case		
Unflavored55251.	70074-0535-11

* Among those recommending amino acid-based products for infants

1. Sicherer SH, et al. *J Pediatr.* 2001;138:688-693.

2. Borschel MW, et al. *J Pediatr Gastroenterol Nutr.* 2001;33:393A.

Technical Data	
Protein Equivalent ³ (% Cal)	15
Carbohydrate (% Cal)	42
Fat (% Cal)	43
MCT:LCT	33:67
Water, g (Prepared)/L	
20 Cal/fl oz	895
Gluten-Free	Yes
Lactose-Free	Yes
Low-Residue	Yes
Kosher	No
Halal	Yes
Osmolality, mOsm/kg H ₂ O	
20 Cal/fl oz	350
Potential Renal Solute Load, mOsm/L	
20 Cal/fl oz	187
Preparation	
Standard dilution (20 Cal/fl oz) is 1 unpacked level scoop (9.4 g) for each 2 fl oz of water	
3. May ME, Hill JO. 1990;52:770-776.	

Nutrition Information	100 g Powder (21.05 g Powder)			100 g Powder (21.05 g Powder)	
	100 Cal ¹			100 Cal ¹	
Calories	475	100	Magnesium, mg	40	8.4
Volume, mL		148	Iron, mg	8.4	1.8
Protein Equivalent, g	14.5	3.1	Zinc, mg	5.5	1.15
Total Carbohydrate, g	51	10.7	Manganese, mcg	400	84
Water, g		132	Copper, mcg	599	126
Total Fat, g	23	4.8	Iodine, mcg	42	8.9
Linoleic Acid, mg	4000	840	Selenium, mcg	12.6	2.6
Vitamin A, IU	1300	273	Chromium, mcg	11	2.3
Vitamin D, IU	285	60	Molybdenum, mcg	12	2.5
Vitamin E, IU	10	2.1	Sodium, mg	215	45
Vitamin K, mcg	60	13	Sodium, mEq	9.4	2.0
Thiamin (Vit B ₁), mcg	1000	210	Potassium, mg	715	150
Riboflavin (Vit B ₂), mcg	500	105	Potassium, mEq	18.3	3.9
Vitamin B ₆ , mcg	400	84.2	Chloride, mg	285	60
Vitamin B ₁₂ , mcg	2.0	0.4	Chloride, mEq	8.0	1.7
Niacin, mcg	8000	1680			
Folic Acid, mcg	140	29.5			
Pantothenic Acid, mcg	2000	421			
Biotin, mcg	20	4.2			
Vitamin C, mg	43	9			
Choline, mg	71	15			
Inositol, mg	24	5.1			
Calcium, mg	550	116			
Calcium, mEq	27.5	5.8			
Phosphorus, mg	400	84.2			

Ingredients

Corn Syrup Solids (55%), High Oleic Safflower Oil (9%), Medium Chain Triglycerides (8%), Soy Oil (7%), L-Glutamine (2%); **Less than 2% of:** C. Cohnii Oil, M. Alpina Oil, L-Asparagine, L-Leucine, L-Lysine Acetate, DATEM, Calcium Phosphate, L-Valine, Potassium Phosphate, L-Isoleucine, L-Arginine, L-Phenylalanine, L-Tyrosine, L-Threonine, Potassium Citrate, Sodium Citrate, L-Proline, L-Serine, L-Alanine, Glycine, L-Histidine, L-Methionine, Ascorbic Acid, Magnesium Chloride, Calcium Carbonate, L-Cystine Dihydrochloride, L-Tryptophan, Salt, Choline Chloride, m-Inositol, Ferrous Sulfate, Taurine, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Niacinamide, Calcium Pantothenate, Thiamine Chloride Hydrochloride, Cupric Sulfate, Manganese Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Biotin, Phylloquinone, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Vitamin D₃ and Cyanocobalamin. (FAN 8972-01)

(Percentages refer to the weight of the ingredient per total product weight.)

EleCare® Jr

Nutritionally Complete
Amino Acid-based
Medical Food
(For Children
Over 1 Year of Age)



Usage

ELECARE JR is a nutritionally complete amino acid-based medical food for children age 1 year and older who cannot tolerate intact or hydrolyzed protein. ELECARE JR is for the dietary management of protein maldigestion, malabsorption, severe food allergies, short-bowel syndrome, eosinophilic GI disorders, GI-tract impairment, or other conditions in which an amino acid-based diet is required.

- ELECARE JR is for children age 1 year and older
- For oral or tube feeding
- Not for IV use

Features

- Clinically documented to be hypoallergenic¹ to virtually eliminate the potential for an allergic reaction to the formula in multiple food-allergic children
- Shown to be effective in maintaining growth of children with cow's milk protein allergy when used as the primary source of calories¹
- 100% free amino acids as nitrogen source
- 33% of fat blend as medium-chain triglycerides (MCTs), an easily digested and well-absorbed fat source
- Supported by strict manufacturing standards and ELISA (Enzyme-linked ImmunoSorbent Assay) testing
- Does not contain milk protein, soy protein, fructose, galactose, lactose, or gluten
- Halal

Availability (See page 164 for retail list numbers.)

Flavor	List No.	NDC Format Code
– Powder: 14.1-oz (400-g) cans (measuring scoop enclosed); 6/case		
Unflavored	55253	70074-0552-54
Vanilla	56585	70074-0565-86

1. Sicherer SH, et al. *J Pediatr.* 2001;138:688-693.

* Among those recommending amino acid-based products (for children ages 1 and up)

Technical Data		Nutrition Information					
		1L at 30 Cal/fl oz (216.3 g Powder)		1L at 30 Cal/fl oz (216.3 g Powder)			
		100 g Powder		100 g Powder			
Protein Equivalent ² (% Cal)	15						
Carbohydrate (% Cal)	42	Calories	469	1014	Zinc, mg	5.4	11.7
Fat (% Cal)	43	Protein Equivalent, g	14.3	31	Manganese, mcg	601	1300
MCT:LCT	33:67	Carbohydrate, g	49.3	106.7	Copper, mcg	601	1300
Water, g (Prepared)/L		Fat, g	22.7	49.1	Iodine, mcg	41.6	90
30 Cal/fl oz	839	Linoleic Acid, mg	3939	8520	Selenium, mcg	12.5	27
Gluten-Free	Yes	Vitamin A, IU (mcg RE)	1280 (384)	2769 (830)	Chromium, mcg	10.9	23.5
Lactose-Free	Yes	Vitamin D, IU (mcg)	281 (7.0)	608 (15.2)	Molybdenum, mcg	12.3	26.5
Low-Residue	Yes	Vitamin E, IU	9.71	21	Sodium, mg	212	459
Kosher	No	Vitamin K, mcg	60	130	Sodium, mEq	9.2	20.0
Halal	Yes	Thiamin (Vit B ₁), mcg	985	2130	Potassium, mg	706	1526
Osmolality, mOsm/kg H ₂ O		Riboflavin (Vit B ₂), mcg	495	1070	Potassium, mEq	18.0	39.0
30 Cal/fl oz	590	Vitamin B ₆ , mcg	393	850	Chloride, mg	281	608
Renal Solute Load, mOsm/L		Vitamin B ₁₂ , mcg	2.0	4.3	Chloride, mEq	7.9	17.0
30 Cal/fl oz	280	Niacin, mcg	7878	17,040			
		Folic Acid (Folacin), mcg	139	300			
		Pantothenic Acid, mcg	1974	4270			
		Biotin, mcg	19.9	43			
		Vitamin C (Ascorbic Acid), mg	42.5	92			
		Choline, mg	140	303			
		Inositol, mg	23.6	51			
		Calcium, mg	543	1174			
		Calcium, mEq	27.2	58.7			
		Phosphorus, mg	395	854			
		Magnesium, mg	74	160			
		Iron, mg	8.3	18			

2. May ME, Hill JO. *Am J Clin Nutr.*

1990;52:770-776.

Ingredients

Unflavored Powder: Corn Syrup Solids (55%), High Oleic Safflower Oil (9%), Medium Chain Triglycerides (8%), Soy Oil (7%), L-Glutamine (2%); **Less than 2% of:** L-Asparagine, L-Leucine, DITEM, L-Lysine Acetate, L-Valine, Calcium Phosphate, L-Isoleucine, Potassium Phosphate, L-Arginine, L-Phenylalanine, L-Tyrosine, Potassium Citrate, Sodium Citrate, L-Threonine, L-Proline, L-Serine, L-Alanine, Magnesium Chloride, Glycine, L-Histidine, L-Methionine, Ascorbic Acid, Calcium Carbonate, L-Cystine Dihydrochloride, L-Tryptophan, Magnesium Phosphate, Choline Chloride, m-Inositol, Ferrous Sulfate, Taurine, Ascorbyl Palmitate, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Niacinamide, Salt, Calcium Pantothenate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Cupric Sulfate, Vitamin A Palmitate, Riboflavin, Pyridoxine Hydrochloride, Folic Acid, Beta-Carotene, Biotin, Phylloquinone, Chromium Chloride, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Vitamin D₃ and Cyanocobalamin.

(FAN 8972-01)

(Percentages refer to the weight of the ingredient per total product weight.)

Vanilla also contains Artificial Flavor, Aspartame, Acesulfame K, and Sucralose.

Ensure®

Complete, Balanced Nutrition®



Available at retail only

Usage

ENSURE can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use
- For interim sole-source nutrition
- Not for parenteral use

Features

- Good source of protein (9 g/serving)
- Excellent source of 24 essential vitamins and minerals
- Excellent source (320 mg/serving) of plant-based omega-3 fatty acid ALA (20% of 1.6 g DV) to support heart health
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability (See page 164 for retail list numbers.)

Flavor	List No.	NDC Format Code
– 8-fl-oz reclosable bottles; 24/case		
Vanilla	57243	70074-0407-11
Milk Chocolate	57231	70074-0407-01
Strawberry	57234	70074-0407-05
Butter Pecan	57240	70074-0517-85
Dark Chocolate	53806	70074-0538-07
Coffee Latte	57237	70074-0560-16

* Not for people with galactosemia

Technical Data

(Vanilla)	
Nutrient Density (Cal/mL)	1.06
Protein (% Cal)	14
Carbohydrate (% Cal)	64
Fat (% Cal)	22
Kosher, Halal	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance*	Yes
Low-Residue	Yes
Total Cal/g Nitrogen	174:1
Nonprotein Cal/g Nitrogen	149:1
Osmolality, mOsm/kg H ₂ O	630
Renal Solute Load, mOsm/L	326
Viscosity†	
Thin (Room Temperature)	
Thin (Chilled)	

† Creamy Milk Chocolate is nectar-like (chilled).

Nutrition Information

(Vanilla)	8 fl oz (237 mL)	% DV	(Vanilla)	8 fl oz (237 mL)	% DV
Calories	250		Pantothenic Acid, mg	2.5	25
Protein, g	9	18	Sodium, mg	200	8
Total Carbohydrate, g	40	13	Sodium, mEq	8.7	
Dietary Fiber, g	0	0	Potassium, mg	370	11
Sugars, g	23		Potassium, mEq	9.5	
Total Fat, g	6	9	Chloride, mg	280	8
Saturated Fat, g	1	5	Chloride, mEq	7.9	
Trans Fat, g	0		Calcium, mg	300	30
Polyunsaturated Fat, g	3		Phosphorus, mg	250	25
Monounsaturated Fat, g	2		Magnesium, mg	100	25
Cholesterol, mg	5	2	Iodine, mcg	38	25
Water, g/mL/cc	196		Manganese, mg	1.2	60
Vitamin A, IU	1250	25	Copper, mg	0.50	25
Vitamin D, IU	100	25	Zinc, mg	3.8	25
Vitamin E, IU	7.5	25	Iron, mg	4.5	25
Vitamin K, mcg	20	25	Selenium, mcg	17	25
Vitamin C, mg	30	50	Chromium, mcg	30	25
Folic Acid, mcg	100	25	Molybdenum, mcg	37	50
Thiamin (Vit B ₁), mg	0.38	25			
Riboflavin (Vit B ₂), mg	0.43	25			
Vitamin B ₆ , mg	0.50	25			
Vitamin B ₁₂ , mcg	1.5	25			
Niacin, mg	5.0	25			
Choline, mg	83	15			
Biotin, mcg	75	25			

ENSURE

Ingredients

(Vanilla): Water, Sugar, Corn Maltodextrin, Milk Protein Concentrate, Soy Oil, Soy Protein Isolate, Pea Protein Concentrate, Canola Oil. Less than 0.5% of the Following: Corn Oil, Magnesium Phosphate, Potassium Citrate, Cellulose Gel, Natural & Artificial Flavor, Calcium Carbonate, Potassium Chloride, Calcium Phosphate, Sodium Citrate, Salt, Choline Chloride, Ascorbic Acid, Cellulose Gum, Monoglycerides, Soy Lecithin, Carrageenan, Potassium Hydroxide, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin D3, and Cyanocobalamin. (FAN 9139-07)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com
www.Ensure.com

Ensure Clear[®]

Nutritional Drink

Available at retail only



Usage

ENSURE CLEAR is a great-tasting, fat-free nutrition drink that provides high-quality protein and essential nutrients.

- A clear, fruit-flavored drink
- Ideal for people on clear liquid, pre- and post-surgical, or fat-restricted diets
- Benefits people with involuntary weight loss, malnutrition, or those at nutritional risk
- For oral use only
- Not for sole-source nutrition

Features

- Good source of protein (9g/serving)
- Clear liquid nutrition
- Good source of 21 essential vitamins and minerals
- Refreshing fruit flavors provide taste alternative
- Good source of antioxidants (vitamins C, E, and selenium)
- Kosher, Halal [®] (certain flavors), gluten-free, suitable for lactose intolerance,* low-residue

Availability (See page 164 for retail list numbers.)

Flavor _____ List No. _____ NDC Format Code _____

— 10-fl-oz bottles; 4/pack

Blueberry Pomegranate [®]	56500	70074-0565-02
Peach	56604	70074-0566-06
Mixed Fruit	62479	70074-0624-80

* Not for people with galactosemia

ENSURE CLEAR

Technical Data

(Blueberry Pomegranate)	
Nutrient Density (Cal/mL)	0.61
Protein (% Cal)	20
Carbohydrate (% Cal)	80
Fat (% Cal)	0
Kosher	Yes
Halal (certain flavors)	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance*	Yes
Low-Residue	Yes

Nutrition Information

(Blueberry Pomegranate)	10 fl oz (296 mL)	% DV
Calories	180	
Protein, g	9	18
Total Carbohydrate, g	35	12
Dietary Fiber, g	0	
Sugars, g	18	
Total Fat, g	0	0
Saturated Fat, g	0	0
Trans Fat, g	0	
Cholesterol, mg	5	2
Water, g/mL/cc	266	
Vitamin A, IU	1500	30
Vitamin D, IU	60	15
Vitamin E, IU	9	30
Vitamin K, mcg	24	30
Vitamin C, mg	27	45
Folic Acid, mcg	60	15
Thiamin (Vit B ₁), mg	0.45	30
Riboflavin (Vit B ₂), mg	0.34	20
Vitamin B ₆ , mg	0.4	20
Vitamin B ₁₂ , mcg	1.2	20
Niacin, mg	2	10
Biotin, mcg	30	10
Pantothenic Acid, mg	0.8	8
Sodium, mg	50	2
Potassium, mg	45	1

	10 fl oz (296 mL)	% DV
Calcium, mg	60	6
Phosphorus, mg	200	20
Magnesium, mg	8	2
Iodine, mcg	52	35
Manganese, mg	1	50
Copper, mg	0.3	15
Zinc, mg	4.5	30
Iron, mg	2.7	15
Selenium, mcg	14	20
Chromium, mcg	18	15
Molybdenum, mcg	37	50

ENSURE CLEAR

Ingredients

(Blueberry Pomegranate): Water, Corn Syrup Solids, Sugar, Whey Protein Isolate; **Less than 0.5% of:** Citric Acid, Natural Flavor, Phosphoric Acid, Acesulfame Potassium, Sucralose, FD&C Red #40, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, FD&C Blue #1, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Folic Acid, Chromium Chloride, Sodium Molybdate, Biotin, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin D₃, and Cyanocobalamin. (FAN 9121-01)

Contains milk ingredients.

HCPCS Code B4102
www.AbbottNutrition.com
www.Ensure.com

Ensure Clear®

Therapeutic Nutrition



Usage

ENSURE CLEAR is a great-tasting, clear liquid nutrition drink that contains high-quality protein and essential nutrients. ENSURE CLEAR is fat-free, making it an ideal choice for patients on clear-liquid, pre- and post-surgical, bowel prep, fat-malabsorptive, and fat-restricted diets. It is also ideal for patients who prefer a fruit-flavored alternative to creamy shake-like supplements. ENSURE CLEAR can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use
- Not for sole-source nutrition
- Not for parenteral use

Features

- Good source of high-quality protein (7g/serving)
- Clear liquid nutrition
- Good source of 19 essential vitamins and minerals
- Refreshing fruit flavors provide taste alternative
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 6.8-fl-oz tetra packs; 32 tetra packs/case		
Apple	56640	70074-0566-41
Mixed Berry	56642	70074-0566-43

* Not for people with galactosemia

ENSURE CLEAR

Technical Data

(Apple)	
Nutrient Density (Cal/mL)	1.0
Protein (% Cal)	14
Carbohydrate (% Cal)	86
Fat (% Cal)	0
Kosher, Halal	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance*	Yes
Low-Residue	Yes
Total Cal/g Nitrogen	179:1
Nonprotein Cal/g Nitrogen	154:1
Osmolality, mOsm/kg H ₂ O	700
Renal Solute Load, mOsm/L	179
Viscosity	
Thin (Room Temperature)	
Thin (Chilled)	

Nutrition Information

(Apple)	6.8 fl oz (200 mL)	% DV
Calories	200	
Protein, g	7	14
Total Carbohydrate, g	43	14
Dietary Fiber, g	0	
Sugars, g	27	
Total Fat, g	0	0
Saturated Fat, g	0	0
Trans Fat, g	0	
Cholesterol, mg	5	2
Water, g/mL/cc	166	
Vitamin A, IU	1000	20
Vitamin D, IU	40	10
Vitamin E, IU	7.5	25
Vitamin K, mcg	16	20
Vitamin C, mg	18	30
Folic Acid, mcg	40	10
Thiamin (Vit B ₁), mg	0.3	20
Riboflavin (Vit B ₂), mg	0.26	15
Vitamin B ₆ , mg	0.3	15
Vitamin B ₁₂ , mcg	0.9	15
Niacin, mg	1.6	8
Biotin, mcg	30	10
Pantothenic Acid, mg	0.6	6
Sodium, mg	35	1
Sodium, mEq	1.5	

	6.8 fl oz (200 mL)	% DV
Potassium, mg	0	0
Potassium, mEq	0	
Calcium, mg	0	0
Phosphorus, mg	0	0
Chloride, mg	136	4
Iodine, mcg	37.5	25
Manganese, mg	0.7	35
Copper, mg	0.2	10
Zinc, mg	3	20
Iron, mg	1.8	10
Selenium, mcg	10.5	15
Chromium, mcg	12	10
Molybdenum, mcg	26.3	35

ENSURE CLEAR Ingredients

(Mixed Berry): Water, Sugar, Corn Syrup Solids, Whey Protein Isolate, Natural Flavor, Ascorbic Acid, Fd&C Red #40, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Folic Acid, Chromium Chloride, Sodium Molybdate, Biotin, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin D₃ and Cyanocobalamin. (Fan 9191-02)

Contains milk ingredients.

HCPCS Code B4102
www.AbbottNutrition.com
www.Ensure.com

Ensure Complete™

Balanced Therapeutic Nutrition



Usage

ENSURE COMPLETE is balanced nutrition for targeted muscle, heart, immune system, and bone support.

- A source of Complete, Balanced Nutrition®
- Helps patients gain or maintain a healthy weight when normal diet may not be enough
- For oral use
- Recommend 2 servings per day
- Not for sole-source nutrition
- Not for parenteral use

Features

- 1.5 g of Revigor® (CaHMB, calcium β-hydroxy-β-methylbutyrate) and protein to help protect, preserve, and promote lean body mass (LBM)
- Excellent source (650 mg/serving) of plant-based omega-3 fatty acid ALA (40% of 1.6 g DV) to support heart health
- Has Immune Balance, a unique blend of prebiotic fiber to help promote digestive tract health and antioxidants* to support the immune system
- Excellent source of calcium and vitamin D to support bone health
- Excellent source of 24 essential vitamins and minerals
- High in calories (1.5 Cal/mL) and excellent source of protein (13 g/serving)
- Kosher, Halal, gluten-free, suitable for lactose intolerance,† low-residue

Availability (See page 164 for retail list numbers.)

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz reclosable bottle; 24/case		
Vanilla	56564	70074-0565-65
Chocolate	56562	70074-0565-63
Strawberry	62010	70074-0620-11

* Vitamins C and E and selenium.

† Not for people with galactosemia

ENSURE COMPLETE

Technical Data		Nutrition Information (Vanilla)			Nutrition Information (Vanilla)		
(Vanilla)		8 fl oz (237 mL)	% DV	8 fl oz (237 mL)	% DV	8 fl oz (237 mL)	% DV
Nutrient Density (Cal/mL)	1.5	Calories	350		Choline, mg	83	15
Protein (% Cal)	15	Protein, g	13	26	Biotin, mcg	75	25
Carbohydrate (% Cal)	57	CaHMB, g	1.5		Pantothenic Acid, mg	2.5	25
Fat (% Cal)	28	Total Carbohydrate, g	51	17	Sodium, mg	240	10
Kosher, Halal	Yes	Dietary Fiber, g	3	12	Sodium, mEq	10.4	
Gluten-Free	Yes	scFOS®, g	3		Potassium, mg	560	16
Suitable for Lactose Intolerance†	Yes	Sugars, g	20		Potassium, mEq	14.3	
Low-Residue	Yes	Total Fat, g	11	17	Chloride, mg	68	2
Total Cal/g Nitrogen	168:1	Saturated Fat, g	1	5	Chloride, mEq	1.9	
Nonprotein Cal/g Nitrogen	146:1	Trans Fat, g	0		Calcium, mg	350	35
Osmolality, mOsm/kg H ₂ O	780	Polyunsaturated Fat, g	4		Phosphorus, mg	350	35
Renal Solute Load, mOsm/L	425	Monounsaturated Fat, g	5		Magnesium, mg	100	25
Viscosity		Cholesterol, mg	5	2	Iodine, mcg	38	25
Thin (Room Temperature)		Water, g/mL/cc	180		Manganese, mg	1.2	60
Nectar-like (Chilled)		Vitamin A, IU	1250	25	Copper, mg	0.5	25
		Vitamin D ₃ , IU	160	40	Zinc, mg	3.8	25
		Vitamin E, IU	9	30	Iron, mg	4.5	25
		Vitamin K ₁ , mcg	20	25	Selenium, mcg	21	30
		Vitamin C, mg	36	60	Chromium, mcg	30	25
		Folic Acid, mcg	100	25	Molybdenum, mcg	45	60
		Thiamin (Vit B ₁), mg	0.38	25			
		Riboflavin (Vit B ₂), mg	0.43	25			
		Vitamin B ₆ , mg	0.5	25			
		Vitamin B ₁₂ , mcg	1.5	25			
		Niacin, mg	5	25			

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

ENSURE COMPLETE Ingredients

(Vanilla): Water, Corn Maltodextrin, Sugar, Canola Oil, Sodium Caseinate, Milk Protein Concentrate, Corn Oil, Short-chain Fructooligosaccharides, Soy Protein Isolate, Potassium Citrate, Calcium β-Hydroxy-β-Methylbutyrate; **Less than 0.5% of:** Whey Protein Concentrate, Natural and Artificial Flavors, Magnesium Phosphate, Soy Lecithin, Sodium Phosphate, Potassium Phosphate, Choline Chloride, Ascorbic Acid, Calcium Carbonate, Potassium Chloride, L-Carnitine, Carrageenan, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Gellan Gum, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Sodium Selenate, Potassium Iodide, Phylloquinone, Vitamin D₃, and Cyanocobalamin. (FAN 9057-02)

Contains milk and soy ingredients.

HCPCS Code B4152
www.AbbottNutrition.com
www.Ensure.com

Ensure® High Protein

Complete, Balanced Nutrition®



Usage

ENSURE HIGH PROTEIN can benefit patients who have malnutrition, are at nutritional risk, are experiencing involuntary weight loss, and those recovering from surgery or fractures.

- For tube or oral feeding
- For interim sole-source feeding
- Not for parenteral use

Features

- Excellent source of protein (12 g/serving)
- Excellent source of 24 essential vitamins and minerals
- Kosher, Halal
- Suitable for lactose intolerance* and gluten-free
- Low-residue

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	52100	70074-0521-01
Milk Chocolate.	52098	70074-0520-99

* Not for people with galactosemia

ENSURE HIGH PROTEIN

Technical Data		Nutrition Information (Vanilla)		8 fl oz (237mL)		8 fl oz (237mL)		% RDI	
Nutrient Density (Cal/mL)	0.97	Calories	230			Pantothenic Acid, mg	2.5		25
Protein (% Cal)	21	Protein, g	12			Sodium, mg	290		Not est.
Carbohydrate (% Cal)	55	Total Carbohydrate, g	31			Sodium, mEq	12.6		
Fat (% Cal)	24	Dietary Fiber, g	0			Potassium, mg	500		Not est.
Kosher, Halal	Yes	Sugars, g	19			Potassium, mEq	12.8		
Gluten-Free	Yes	Total Fat, g	6			Chloride, mg	375		10
Suitable for Lactose Intolerance*	Yes	Saturated Fat, g	1			Chloride, mEq	10.6		
Low-Residue	Yes	Trans Fat, g	0			Calcium, mg	300		30
Total Cal/g Nitrogen	120:1	Polyunsaturated Fat, g	3			Phosphorus, mg	250		25
Nonprotein Cal/g Nitrogen	93:1	Monounsaturated Fat, g	2			Magnesium, mg	100		25
Osmolality, mOsm/kg H ₂ O	610	Cholesterol, mg	<5			Iodine, mcg	38		25
Renal Solute Load, mOsm/8 fl oz	440	Water, g/mL/cc	203			Manganese, mg	1.2		60
Viscosity		Vitamin A, IU	1250	25		Copper, mg	0.50	25	
Thin (Room Temperature)		Vitamin D, IU	100	25		Zinc, mg	5.7	40	
Thin (Chilled)		Vitamin E, IU	12	40		Iron, mg	4.5	25	
		Vitamin K, mcg	20	25		Selenium, mcg	18	25	
		Vitamin C, mg	30	50		Chromium, mcg	30	25	
		Folic Acid, mcg	100	25		Molybdenum, mcg	38	50	
		Thiamin (Vit B ₁), mg	0.38	25					
		Riboflavin (Vit B ₂), mg	0.43	25					
		Vitamin B ₆ , mg	0.50	25					
		Vitamin B ₁₂ , mcg	1.5	25					
		Niacin, mg	5.0	25					
		Choline, mg	100	Not est.					
		Biotin, mcg	75	25					

ENSURE HIGH PROTEIN Ingredients

Vanilla: Water, Sugar, Corn Maltodextrin, Calcium and Sodium Caseinates, Soy Oil, Soy Protein Isolate, Corn Oil, Potassium Citrate, Canola Oil, Calcium Phosphate, Sodium Citrate, Magnesium Chloride, Magnesium Phosphate, Artificial Flavor, Salt, Soy Lecithin, Choline Chloride, Ascorbic Acid, Carrageenan, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Gellan Gum, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin D₃, and Cyanocobalamin. (FAN 8064-07)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com
www.Ensure.com

Ensure® High Protein Shake

Targeted, Specialized Nutrition™



Available at retail only



Usage

ENSURE HIGH PROTEIN nutrition shakes provide people who lead active lifestyles with a convenient, delicious way to get extra nutrition including protein, vitamins, and minerals. ENSURE HIGH PROTEIN SHAKES are targeted nutrition to help people stay active and strong. Each bottle has 25 g of high quality protein, is low in fat, and has 10% of calories from sugars.

- For oral use
- Not for sole source nutrition
- Not for parenteral use

Features

- Excellent source of protein (25 grams/serving); 50% of the DV to help stay active and strong
- Excellent source of 22 essential vitamins and minerals
- Low fat (2.5 g/serving)
- 5 grams of sugars per serving; 10% of calories from sugars
- Good source of prebiotic fiber (3 grams scFOS®/serving)
- Kosher
- Suitable for lactose intolerance,* gluten-free, low-residue

Availability (See page 164 for retail list numbers.)

Flavor List No. NDC Format Code

— 14-fl-oz reclosable bottles

Vanilla	50459	70074-0504-57
Chocolate	50515	70074-0504-69

* Not for people with galactosemia

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ENSURE HIGH PROTEIN SHAKE

Technical Data		Nutrition Information (Vanilla)			Nutrition Information (Vanilla)		
			14 fl oz (414 mL)	% DV		14 fl oz (414 mL)	% RDI
Nutrient Density (Cal/mL)	0.51	Calories	210		Chloride, mg	204	6
Protein (% Cal)	47	Calories from Fat	25		Calcium, mg	400	40
Carbohydrate (% Cal)	43	Protein, g	25	50	Phosphorus, mg	400	40
Fat (% Cal)	10	Total Carbohydrate, mg	23	8	Magnesium, mg	120	30
Kosher	Yes	Dietary Fiber, g	3	12	Iodine, mcg	5.3	35
Halal	No	Sugars, g	5		Manganese, mg	0.7	35
Low-Residue	Yes	Total Fat, g	2.5	4	Zinc, mg	5.3	35
Suitable for Lactose Intolerance*	Yes	Saturated Fat, g	0.5	3	Selenium, mcg	35	50
Gluten-Free	Yes	Trans Fat, g	0		Chromium, mcg	108	90
		Cholesterol, mg	10	7	Molybdenum, mcg	45	60
		Vitamin A, IU	1750	35			
		Vitamin D, IU	120	30			
		Vitamin E, IU	30	100			
		Vitamin K, mcg	28	35			
		Vitamin C, mg	60	100			
		Folate	320	80			
		Thiamin (Vit B ₁), mg	0.5	35			
		Riboflavin (Vit B ₂), mg	0.6	35			
		Vitamin B ₆ , mg	0.7	35			
		Vitamin B ₁₂ , mcg	2.1	35			
		Niacin, mg	7.0	35			
		Biotin, mcg	105	35			
		Pantothenic Acid, mg	3.5	35			
		Sodium, mg	240	10			
		Potassium, mg	290	8			

ENSURE HIGH PROTEIN SHAKE Ingredients

Vanilla: Water, Milk Protein Concentrate, Corn Maltodextrin, **Less than 2%:** Calcium Caseinate, Soy Protein Isolate, Sugar, Short-chain Fructooligosaccharides, High Oleic Safflower Oil, Natural and Artificial Flavor, Magnesium Phosphate, Potassium Citrate, Cellulose Gum, Sodium Ascorbate, Carrageenan, Cellulose Gel, Gellan Gum, Acesulfame Potassium, Sucralose, Zinc Gluconate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Manganese Gluconate, Calcium Pantothenate, Vitamin A Palmitate, Pyridoxine Hydrochloride, Thiamine Chloride Hydrochloride, Riboflavin, Chromium Chloride, Folic Acid, Beta-Carotene, Vitamin D₃, Biotin, Sodium Molybdate, Sodium Selenite, Potassium Iodide, Phytonadione and Cyanocobalamin. (FAN 8922-01)

Contains milk and soy ingredients.

www.AbbottNutrition.com
www.Ensure.com

Ensure® Immune Health

Targeted, Specialized Nutrition™
to Support the Immune System



Usage

ENSURE IMMUNE HEALTH has Immune Balance to help promote digestive tract health and to help support the immune system. Ensure Immune Health can benefit patients who have malnutrition, are at nutritional risk, have a weakened immune system, or are experiencing involuntary weight loss.

- For oral use
- For interim sole-source nutrition
- Not for parenteral use

Features

- A source of Complete, Balanced Nutrition®
- Immune Balance, a unique blend of prebiotic fiber to help promote digestive tract health and antioxidants* to support the immune system
- Good source of fiber (3 g scFOS®/serving) to help maintain regularity
- Excellent source (320 mg/serving) of plant-based omega-3 fatty acid ALA (20% of 1.6 g DV) to support heart health
- Excellent source of 24 essential vitamins and minerals
- Kosher, Halal, gluten-free, suitable for lactose intolerance,† low-residue

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	50460	70074-0504-61
Chocolate	50462	70074-0504-63
Butter Pecan	51892	70074-0518-93
Strawberry	50648	70074-0506-49
— 8-fl-oz reclosable bottles; 24/case		
Vanilla	58297	70074-0582-98
Chocolate	58293	70074-0582-94
Strawberry	58295	70074-0582-96

*Vitamins C and E and selenium.

† Not for people with galactosemia.

ENSURE IMMUNE HEALTH

Technical Data		Nutrition Information (Vanilla)			
		8 fl oz (237 mL)		% DV	
(Vanilla)					
Nutrient Density (Cal/mL)	1.06	Calories	250		
Protein (% Cal)	14	Protein, g	9	18	
Carbohydrate (% Cal)	65	Total Carbohydrate, g	42	14	
Fat (% Cal)	21	Dietary Fiber, g	3	12	
Cal to meet 100% RDIs	1000	scFOS, g	3		
mL to meet 100% RDIs	948	Sugars, g	23		
Kosher, Halal	Yes	Total Fat, g	6	9	
Gluten-Free	Yes	Saturated Fat, g	1	5	
Suitable for Lactose Intolerance [†]	Yes	Trans Fat, g	0		
Low-Residue	Yes	Polyunsaturated Fat, g	3		
Total Cal/g Nitrogen	174:1	Monounsaturated Fat, g	2		
Nonprotein Cal/g Nitrogen	154:1	Cholesterol, mg	5	2	
Osmolality, mOsm/kg H ₂ O	630	Water, g/mL/cc	196		
Renal Solute Load, mOsm/L	326	Vitamin A, IU	1250	25	
Viscosity [‡]		Vitamin D, IU	160	40	
Thin (Room Temperature)		Vitamin E, IU	7.5	25	
Thin (Chilled)		Vitamin K, mcg	20	25	
		Vitamin C, mg	30	50	
		Folic Acid, mcg	100	25	
		Thiamin (Vit B ₁), mg	0.38	25	
		Riboflavin (Vit B ₂), mg	0.43	25	
		Vitamin B ₆ , mg	0.5	25	
		Vitamin B ₁₂ , mcg	1.5	25	
		Niacin, mg	5	25	
		Choline, mg	83	15	
		Biotin, mcg			25
		Pantothenic Acid, mg			25
		Sodium, mg			8
		Sodium, mEq			8.7
		Potassium, mg			370
		Potassium, mEq			9.5
		Chloride, mg			280
		Chloride, mEq			7.9
		Calcium, mg			300
		Phosphorus, mg			250
		Magnesium, mg			100
		Iodine, mcg			38
		Manganese, mg			1.2
		Copper, mg			0.5
		Zinc, mg			3.8
		Iron, mg			4.5
		Selenium, mcg			17
		Chromium, mcg			30
		Molybdenum, mcg			37

[†] Chocolate is nectar-like (chilled).

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

ENSURE IMMUNE HEALTH Ingredients

(Vanilla): Water, Sugar, Corn Maltodextrin, Milk Protein Concentrate, Soy Oil, Short-chain Fructooligosaccharides, Soy Protein Isolate, Pea Protein Concentrate, Canola Oil; **Less than 0.5% of:** Corn Oil, Magnesium Phosphate, Potassium Citrate, Cellulose Gel, Natural and Artificial Flavor, Calcium Carbonate, Potassium Chloride, Calcium Phosphate, Sodium Citrate, Salt, Choline Chloride, Ascorbic Acid, Cellulose Gum, Monoglycerides, Soy Lecithin, Carrageenan, Potassium Hydroxide, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin D₃ and Cyanocobalamin. (FAN 9180-09)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com
www.Ensure.com

Ensure® Muscle Health

Targeted, Specialized Nutrition™ to
Help Rebuild Muscle and Strength
Naturally Lost Over Time*



Usage

ENSURE MUSCLE HEALTH has protein and Revigor® (a source of HMB) to help maintain and rebuild lean body mass (LBM) naturally lost over time so patients can feel stronger and remain active and independent.

- For oral use
- Recommend 2 servings per day
- Not for sole-source nutrition
- Not for parenteral use

Features

- A source of Complete, Balanced Nutrition®
- 1.5 g of Revigor (CaHMB, calcium β -hydroxy- β -methylbutyrate) and protein to help maintain and rebuild LBM
- Excellent source of protein (13 g/serving)
- Excellent source of 24 essential vitamins and minerals
- 40% DV for vitamin D to help support muscle strength
- Excellent source (320 mg/serving) of plant-based omega-3 fatty acid ALA (20% of 1.6 g DV) to support heart health
- Kosher, Halal, gluten-free, suitable for lactose intolerance,† low-residue

Availability (See page 164 for retail list numbers.)

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz reclosable bottles; 24/case		
Vanilla	56558	70074-0565-59
Chocolate	56560	70074-0565-61
Strawberry	62012	70074-0620-13

* In studies in healthy and exercising adults.

† Not for people with galactosemia.

ENSURE MUSCLE HEALTH

Technical Data		Nutrition Information (Vanilla)			
		8 fl oz (237 mL)		% DV	
(Vanilla)					
Nutrient Density (Cal/mL)	1.06	Calories	250	Biotin, mcg	75 25
Protein (% Cal)	21	Protein, g	13 26	Pantothenic Acid, mg	2.5 25
Carbohydrate (% Cal)	51	CaHMB, g	1.5	Sodium, mg	240 10
Fat (% Cal)	28	Total Carbohydrate, g	32 11	Sodium, mEq	10.4
Kosher, Halal	Yes	Dietary Fiber, g	0 0	Potassium, mg	840 24
Gluten-Free	Yes	Sugars, g	23	Potassium, mEq	21.5
Suitable for Lactose Intolerance [†]	Yes	Total Fat, g	8 12	Chloride, mg	140 4
Low-Residue	Yes	Saturated Fat, g	1 5	Chloride, mEq	4.0
Total Cal/g Nitrogen	120:1	Trans Fat, g	0	Calcium, mg	350 35
Nonprotein Cal/g Nitrogen	96:1	Polyunsaturated Fat, g	4	Phosphorus, mg	350 35
Osmolality, mOsm/kg H ₂ O	740	Monounsaturated Fat, g	2.5	Magnesium, mg	100 25
Renal Solute Load, mOsm/L	464	Cholesterol, mg	5 2	Iodine, mcg	38 25
Viscosity		Water, g/mL/cc	196	Manganese, mg	1.2 60
Thin (Room Temperature)		Vitamin A, IU	1250 25	Copper, mg	0.5 25
Nectar-like (Chilled)		Vitamin D ₃ , IU	160 40	Zinc, mg	3.8 25
		Vitamin E, IU	7.5 25	Iron, mg	4.5 25
		Vitamin K ₁ , mcg	20 25	Selenium, mcg	17 25
		Vitamin C, mg	30 50	Chromium, mcg	24 20
		Folic Acid, mcg	100 25	Molybdenum, mcg	37 50
		Thiamin (Vit B ₁), mg	0.38 25		
		Riboflavin (Vit B ₂), mg	0.43 25		
		Vitamin B ₆ , mg	0.5 25		
		Vitamin B ₁₂ , mcg	1.5 25		
		Niacin, mg	5 25		
		Choline, mg	83 15		

ENSURE MUSCLE HEALTH Ingredients

(Vanilla): Water, Sugar, Corn Maltodextrin, Sodium Caseinate, Milk Protein Concentrate, Soy Oil, Soy Protein Isolate, Corn Oil, Potassium Citrate, Calcium β-Hydroxy-β-Methylbutyrate, Canola Oil, **Less than 0.5% of:** Whey Protein Concentrate, Magnesium Phosphate, Natural and Artificial Flavors, Cellulose Gel, Soy Lecithin, Sodium Phosphate, Potassium Phosphate, Potassium Chloride, Choline Chloride, Ascorbic Acid, Calcium Carbonate, Cellulose Gum, Carrageenan, Ferrous Sulfate, Salt, dl-Alpha-Tocopheryl Acetate, Gellan Gum, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Sodium Selenate, Potassium Iodide, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 8746-01)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com
www.Ensure.com

Ensure Plus®

Focused, Clinical Nutrition™
to Help Gain or Maintain a
Healthy Weight



Usage

ENSURE PLUS provides concentrated calories and protein to help patients gain or maintain healthy weight. ENSURE PLUS can benefit patients who have malnutrition, are at nutritional risk, or are experiencing involuntary weight loss.

- For oral use
- For interim sole-source nutrition
- Not for parenteral use

Features

- A source of Complete, Balanced Nutrition®
- High in calories (1.5 Cal/mL) and excellent source of protein (13 g/serving)
- Immune Balance, a unique blend of prebiotic fiber to help

promote digestive tract health and antioxidants* to support the immune system

- Excellent source (650 mg/serving) of plant-based omega-3 fatty acid ALA (40% of 1.6 g DV) to support heart health
- Excellent source of 24 essential vitamins and minerals
- Good source of fiber (3 g scFOS®/serving) to help maintain regularity
- Kosher, Halal, gluten-free, suitable for lactose intolerance,† low-residue

Availability (See page 165 for retail list numbers.)

Flavor	List No.	NDC Format Code
– 8-fl-oz cans; 24/case		
Vanilla	50464	70074-0504-65
Chocolate	50466	70074-0504-67
Butter Pecan	51894	70074-0518-95
Strawberry	50646	70074-0506-47
– 8-fl-oz reclosable bottles; 24/case		
Vanilla	58303	70074-0583-04
Chocolate	58299	70074-0583-00
Strawberry	58301	70074-0583-02
– 32-fl-oz bottles; 6/case		
Vanilla	58251	70074-0582-52
Chocolate	58262	70074-0582-63

* Vitamins C and E and selenium.

† Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

ENSURE PLUS

Technical Data		Nutrition Information			
(Vanilla)		8 fl oz (237 mL)		% DV	
Nutrient Density (Cal/mL)	1.5	Calories	350		
Protein (% Cal)	15	Protein, g	13	26	
Carbohydrate (% Cal)	57	Total Carbohydrate, g	51	17	
Fat (% Cal)	28	Dietary Fiber, g	3	12	
Cal to meet 100% RDIs	1400	scFOS®, g	3		
mL to meet 100% RDIs	948	Sugars, g	20		
Kosher, Halal	Yes	Total Fat, g	11	17	
Gluten-Free	Yes	Saturated Fat, g	1	5	
Suitable for Lactose Intolerance†	Yes	Trans Fat, g	0		
Low-Residue	Yes	Polyunsaturated Fat, g	4.5		
Total Cal/g Nitrogen	168:1	Monounsaturated Fat, g	5		
Nonprotein Cal/g Nitrogen	146:1	Cholesterol, mg	10	3	
Osmolality, mOsm/kg H ₂ O	680	Water, g/mL/cc	180		
Renal Solute Load, mOsm/L	431	Vitamin A, IU	1250	25	
Viscosity		Vitamin D, IU	160	40	
Thin (Room Temperature)		Vitamin E, IU	9	30	
Nectar-like (Chilled)		Vitamin K, mcg	20	25	
		Vitamin C, mg	36	60	
		Folic Acid, mcg	100	25	
		Thiamin (Vit B ₁), mg	0.38	25	
		Riboflavin (Vit B ₂), mg	0.43	25	
		Vitamin B ₆ , mg	0.5	25	
		Vitamin B ₁₂ , mcg	1.5	25	
		Niacin, mg	5	25	
		Choline, mg	83	15	
		Biotin, mcg		75	25
		Pantothenic Acid, mg		2.5	25
		Sodium, mg		220	9
		Sodium, mEq		9.6	
		Potassium, mg		400	11
		Potassium, mEq		10.2	
		Chloride, mg		270	8
		Chloride, mEq		7.6	
		Calcium, mg		300	30
		Phosphorus, mg		300	30
		Magnesium, mg		100	25
		Iodine, mcg		38	25
		Manganese, mg		1.2	60
		Copper, mg		0.5	25
		Zinc, mg		3.8	25
		Iron, mg		4.5	25
		Selenium, mcg		21	30
		Chromium, mcg		30	25
		Molybdenum, mcg		45	60

ENSURE PLUS

Ingredients

(Vanilla): Water, Corn Maltodextrin, Sugar, Milk Protein Concentrate, Canola Oil, Soy Protein Isolate, Corn Oil, Short-chain Fructooligosaccharides, Pea Protein Concentrate; **Less Than 0.5% of:** Natural and Artificial Flavor, Magnesium Phosphate, Potassium Citrate, Soy Lecithin, Sodium Citrate, Potassium Chloride, Calcium Phosphate, Calcium Carbonate, Salt, Choline Chloride, Ascorbic Acid, Potassium Hydroxide, Carrageenan, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Chromium Chloride, Folic Acid, Sodium Molybdate, Biotin, Sodium Selenate, Potassium Iodide, Phylloquinone, Vitamin D₃ and Cyanocobalamin. (FAN 9180-10)

Contains milk and soy ingredients.

HCPCS Code B4152
www.AbbottNutrition.com
www.Ensure.com

Ensure® Powder

Complete, Balanced Nutrition®



Usage

ENSURE POWDER is a source of Complete, Balanced Nutrition® for supplemental use with or between meals. It may benefit patients who have malnutrition, are at nutritional risk, experiencing involuntary weight loss, or on modified or low-residue diets.

- For oral use
- For interim sole-source nutrition
- Not for parenteral use

Features

- Good source of 24 essential vitamins and minerals
- Good source of protein (9 g/serving)
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability (See page 165 for retail list numbers.)

Flavor _____ List No. _____ NDC Format Code

— Powder: 14-oz (397-g) cans; 6/case

Vanilla00750 70074-0607-50

* Not for people with galactosemia

ENSURE POWDER

Technical Data		Nutrition Information			Nutrition Information		
		8 fl oz (237 mL)	% DV	8 fl oz (237 mL)	% DV		
Nutrient Density (Cal/mL)	1.06						
Protein (% Cal)	14	Calories	250		Pantothenic Acid, mg	2.5	25
Carbohydrate (% Cal)	54	Protein, g	9	18	Sodium, mg	200	8
Fat (% Cal)	32	Total Carbohydrate, g	34	11	Sodium, mEq	8.7	
Kosher, Halal	Yes	Dietary Fiber, g	0	0	Potassium, mg	370	11
Gluten-Free	Yes	Sugars, g	13		Potassium, mEq	9.5	
Suitable for Lactose Intolerance*	Yes	Total Fat, g	9	14	Chloride, mg	340	10
Low-Residue	Yes	Saturated Fat, g	1.5	8	Chloride, mEq	9.6	
Total Cal/g Nitrogen	174:1	Trans Fat, g	0		Calcium, mg	150	15
Nonprotein Cal/g Nitrogen	151:1	Cholesterol, mg	<5	<2	Phosphorus, mg	150	15
Osmolality, mOsm/kg H ₂ O	470	Water, g/mL/cc	178		Magnesium, mg	60	15
Renal Solute Load, mOsm/L	334	(When reconstituted per instructions on the can)			Iodine, mcg	22.5	15
Viscosity		Vitamin A, IU	750	15	Manganese, mg	0.6	30
Thin (Room Temperature)		Vitamin D, IU	60	15	Copper, mg	0.3	15
Thin (Chilled)		Vitamin E, IU	6	20	Zinc, mg	3	20
		Vitamin K, mcg	12	15	Iron, mg	2.7	15
		Vitamin C, mg	36	60	Selenium, mcg	10.5	15
		Folic Acid, mcg	100	25	Chromium, mcg	18	15
		Thiamin (Vit B ₁), mg	0.38	25	Molybdenum, mcg	19	25
		Riboflavin (Vit B ₂), mg	0.43	25			
		Vitamin B ₆ , mg	0.50	25			
		Vitamin B ₁₂ , mcg	1.5	25			
		Niacin, mg	5	25			
		Biotin, mcg	75	25			

ENSURE POWDER

Ingredients

©-D Corn Syrup, Corn Maltodextrin, Sugar, Corn Oil, Sodium and Calcium Caseinates, Soy Protein Isolate, Artificial Flavor, Potassium Citrate, Magnesium Chloride, Calcium Phosphate, Sodium Chloride, Calcium Phosphate, Sodium Citrate, Potassium Chloride, Soy Lecithin, Ascorbic Acid, Choline Chloride, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Ferrous Sulfate, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 8966-06)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com
www.Ensure.com

Ensure® Pudding

Complete, Balanced Nutrition®



Usage

ENSURE PUDDING is a nutritious alternative to other snacks or desserts. It provides a source of Complete, Balanced Nutrition® in a delicious easy-to-eat form. It is appropriate for those who have malnutrition, are at nutritional risk, experiencing involuntary weight loss, or on a fluid-restricted or volume-limited diet.

- For patients on consistency-modified diets (eg, soft, puréed, or full liquid)
- For patients with dysphagia
- For oral use

Features

- Good source of fiber (3 g scFOS®/serving) to help maintain regularity
- Antioxidants* to support the immune system
- Good source of 24 essential vitamins and minerals
- Good source (160 mg/serving) of plant-based omega-3 fatty acid ALA (10% of 1.6 g DV) to support heart health
- Convenient—needs no refrigeration
- Kosher, Halal, gluten-free, suitable for lactose intolerance,† low-residue

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 4-oz cups, 12 four-packs/case		
Homemade Vanilla	54844	70074-0548-45
Creamy Milk Chocolate	54846	70074-0548-47
Butterscotch Delight	54848	70074-0548-49

*Vitamins C and E and selenium.

†Not for people with galactosemia

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ENSURE PUDDING

Technical Data		Nutrition Information						
(Homemade Vanilla)		(Homemade Vanilla)		4 oz	% DV	4 oz	% DV	
Protein (% Cal)	9	Calories	170			Sodium, mg	85	4
Carbohydrate (% Cal)	66	Protein, g	4	8		Sodium, mEq	3.7	
Fat (% Cal)	25	Total Carbohydrate, g	30	10		Potassium, mg	110	3
Kosher, Halal	Yes	Dietary Fiber, g	3	12		Potassium, mEq	2.8	
Gluten-Free	Yes	scFOS, g	3			Chloride, mg	<68	<2
Suitable for Lactose Intolerance†	Yes	Sugars, g	15			Chloride, mEq	<1.9	
Low-Residue	Yes	Total Fat, g	5	8		Calcium, mg	100	10
Total Cal/g Nitrogen	266:1	Saturated Fat, g	1	5		Phosphorus, mg	100	10
Nonprotein Cal/g Nitrogen	258:1	Trans Fat, g	0			Magnesium, mg	40	10
Viscosity		Polyunsaturated Fat, g	2			Iodine, mcg	15	10
Spoon-thick (Room Temperature)		Monounsaturated Fat, g	1			Manganese, mg	0.5	25
Spoon-thick (Chilled)		Cholesterol, mg	5	2		Copper, mg	0.2	10
		Vitamin A, IU	500	10		Zinc, mg	1.5	10
		Vitamin D, IU	40	10		Iron, mg	1.8	10
		Vitamin E, IU	6	20		Selenium, mcg	7	10
		Vitamin K, mcg	12	15		Chromium, mcg	12	10
		Vitamin C, mg	9	15		Molybdenum, mcg	22.5	30
		Folic Acid, mcg	60	15				
		Thiamin (Vit B ₁), mg	0.23	15				
		Riboflavin (Vit B ₂), mg	0.26	15				
		Vitamin B ₆ , mg	0.3	15				
		Vitamin B ₁₂ , mcg	0.6	10				
		Niacin, mg	2.0	10				
		Biotin, mcg	45	15				
		Pantothenic Acid, mg	1.5	15				

ENSURE PUDDING

Ingredients

(Homemade Vanilla): Water, Sugar, Corn Maltodextrin, Modified Corn Starch, Milk Protein Concentrate, Soy Oil, Short-chain Fructooligosaccharides, **Less than 0.5% of the following:** Magnesium Phosphate, Potassium Citrate, Natural and Artificial Flavors, Sodium Citrate, Sodium Stearoyl Lactylate, Sodium Ascorbate, Salt, dl-Alpha-Tocopheryl Acetate, Ferric Phosphate, Zinc Sulfate, Niacinamide, Turmeric, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Sodium Selenate, Potassium Iodide, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 8288-04)

Contains milk ingredients.

www.AbbottNutrition.com
www.Ensure.com

Glucerna® 1.0 Cal

Specialized Nutrition With Fiber
for abnormal glucose tolerance



Usage

GLUCERNA 1.0 CAL is a reduced-carbohydrate, modified-fat, fiber-containing formula clinically shown to blunt blood glucose response in patients with abnormal glucose tolerance.¹⁻³ GLUCERNA 1.0 CAL provides only 34.3% of total calories as carbohydrate. This helps minimize glycemic response. The formulation includes soy fiber to help maintain normal bowel function.

- For patients with type 1 and type 2 diabetes
- For patients with abnormal glucose tolerance resulting from metabolic stress, such as illness, trauma, or infection
- For supplemental or total nutrition

- For tube feeding
 - 8-fl-oz cans with mild vanilla flavor can be used orally as well as for tube feeding
- Not for IV use

Features

- Consistent with American Diabetes Association and American Heart Association recommendations favoring monounsaturated fats and 4% of calories from saturated fat to help manage lipid profiles⁴
- Meets or exceeds 100% of DVs for 24 key vitamins and minerals in 1420 Cal (1420 mL)
- Kosher, Halal, gluten-free, suitable for lactose intolerance*

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz cans; 24/case		
Vanilla	50240	70074-0502-41
– Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62671	70074-0626-71
– Ready-To-Hang 1500-mL prefilled containers; 6/case		
Unflavored	62673	70074-0626-73

1. Peters AL, et al. *Am J Med.* 1989;87:178-182.

2. Peters AL, et al. *JPEN.* 1992;16:69-74.

3. McCargar LJ, et al. *Mol Cell Biochem.* 1998;188:81-89.

4. Buse JB, et al. *Circulation.* 2007;115(1):114-126.

* Not for people with galactosemia

GLUCERNA 1.0 CAL

Technical Data		Nutrition Information							
(Vanilla)		(Vanilla)	8 fl oz	1000 mL	1500 mL		8 fl oz	1000 mL	1500 mL
Nutrient Density (Cal/mL)	1.0	Calories	237	1000	1500	Potassium, mg	370	1570	2350
Protein (% Cal)	16.7	Protein, g	9.9	41.8	62.7	Potassium, mEq	9.5	40.2	60.1
Carbohydrate (% Cal)	34.3	Total Carbohydrate, g	22.8	95.6	143.2	Chloride, mg	340	1440	2160
Fat (% Cal)	49.0	Dietary Fiber, g	3.4	14.4	21.6	Chloride, mEq	9.6	40.6	60.9
n6:n3	11:1	Total Fat, g	12.9	54.4	81.7	Calcium, mg	170	705	1060
MUFAs (% Cal)	34.7	Water, g/mL/cc	202	853	1280	Phosphorus, mg	170	705	1060
Cal to meet 100% DVs	1420	Vitamin A, IU	1500	6300	9510	Magnesium, mg	67	285	425
mL to meet 100% DVs	1420	Beta-Carotene, mg	0.50	2.1	3.2	Iodine, mcg	25	110	160
Kosher, Halal	Yes	Vitamin D, IU	67	285	425	Manganese, mg	0.84	3.6	5.3
Gluten-Free	Yes	Vitamin E, IU	7.5	32	48	Copper, mg	0.34	1.5	2.2
Suitable for Lactose Intolerance*	Yes	Vitamin K, mcg	14	57	85	Zinc, mg	3.8	16	24
Low-Residue	No	Vitamin C, mg	50	215	320	Iron, mg	3.0	13	19
Total Cal/g Nitrogen	150:1	Folic Acid, mcg	100	425	635	Selenium, mcg	12	50	74
Nonprotein Cal/g Nitrogen	125:1	Thiamin (Vit B ₁), mg	0.38	1.6	2.4	Chromium, mcg	20	85	130
Osmolality, mOsm/kg H ₂ O	355	Riboflavin (Vit B ₂), mg	0.43	1.8	2.7	Molybdenum, mcg	25	110	160
Renal Solute Load, mOsm/L	360	Vitamin B ₆ , mg	0.50	2.2	3.2	L-Carnitine, mg	34	145	215
Viscosity		Vitamin B ₁₂ , mcg	1.5	6.4	9.5	Taurine, mg	25	110	160
Thin (Room Temperature)		Niacin, mg	5.0	22	32				
Thin (Chilled)		Choline, mg	100	425	635				
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Biotin, mcg	75	320	475				
Exchanges per 8 fl oz¹		m-Inositol, mg	200	850	1300				
1½ Starch, 1 Lean Meat, 2 Fat		Pantothenic Acid, mg	2.5	11	16				
Carb Choices per 8 fl oz	1½	Sodium, mg	220	930	1400				
		Sodium, mEq	9.6	40.4	60.9				

¹ Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

GLUCERNA 1.0 CAL Ingredients

(Vanilla): Water, Corn Maltodextrin, High Oleic Safflower Oil, Sodium and Calcium Caseinates, Soy Fiber, Fructose, Canola Oil, Soy Lecithin, Magnesium Chloride, Calcium Phosphate, Sodium Citrate, Natural and Artificial Flavor, Potassium Citrate, m-Inositol, Potassium Phosphate, Potassium Chloride, Choline Chloride, Ascorbic Acid, L-Carnitine, Taurine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 9075)

Contains milk and soy ingredients.

Note: Minor ingredient differences exist in Ready-To-Hang. For details, consult the product label.

HCPCS Code B4154
www.AbbottNutrition.com
www.Glucerna.com

Glucerna® 1.2 Cal

Specialized Nutrition
for enhanced glycemic control



Usage

GLUCERNA 1.2 CAL is a calorically dense formula that has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate clinically shown to help minimize blood glucose response,¹ and fish oil to support cardiovascular health.

- For patients with type 1 or type 2 diabetes
- For patients with hyperglycemia/abnormal glucose tolerance resulting from metabolic stress, such as illness, trauma, or infection
- For tube or oral feeding
- For supplemental or sole-source nutrition
- For use under medical supervision
- Not for IV use

Features

- GLUCERNA 1.2 CAL has been clinically shown to significantly reduce peak postprandial blood glucose response by 49 mg/dL (69%) and reduce glycemic variability versus a standard 1.2-Cal formulation in people with diabetes^{1,2}

- At 1.2 Cal/mL, patient needs can be met with less volume
- 20% of calories from protein to help promote anabolism and support wound healing
- Includes 10 g/L of NutraFlora® scFOS® (2.4 g/8 fl oz and 15 g/1.5 L) (See page 129 for more about scFOS.)
- 4% of total calories from saturated fatty acids and rich in monounsaturated fatty acids (28% of total calories), consistent with American Heart Association and American Diabetes Association guidelines³
- Provides plant-based omega-3 fatty acids from canola oil (3 g of ALA per 1500 Cal) and the omega-3 fatty acids EPA and DHA (1 g per 1500 Cal) from fish oil, consistent with American Heart Association reported levels to support cardiovascular health⁴
- Chromium picolinate, a more bioavailable form of chromium. Chromium is an essential nutrient important for carbohydrate metabolism
- 1500 Cal provide at least 100% of the DVs for 24 key vitamins and minerals
- Kosher, Halal, suitable for lactose intolerance,* gluten-free

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	50904	70074-0509-05
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62677	70074-0626-77
— Ready-To-Hang 1500-mL prefilled containers; 6/case		
Unflavored	62675	70074-0626-75

1. Alish CJ, et al. *Diabetes Tech & Ther.* 2010;12:419-425.
2. Data on File. Study BK06 Part B. Abbott Nutrition, 2008.
3. Buse JB, et al. *Circulation.* 2007;115:114-126.
4. Kris-Etherton, et al. *Circulation.* 2002;106:2747-2757.

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

* Not for people with galactosemia

GLUCERNA 1.2 CAL

Technical Data	
(Vanilla)	
Nutrient Density (Cal/mL)	1.2
Protein (% Cal)	20.0
Carbohydrate (% Cal)	35.0
Fat (% Cal)	45.0
n6:n3†	3.3:1
MUFAs (% Cal)	28.0
Cal to meet 100% DVs	1500
mL to meet 100% DVs	1250
Kosher, Halal	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance*	Yes
Low-Residue	No
Total Cal/g Nitrogen	125:1
Nonprotein Cal/g Nitrogen	100:1
Osmolality, mOsm/kg H ₂ O	720
Renal Solute Load, mOsm/L	479
Viscosity	
Thin (Chilled and Room Temperature)	
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8
Exchanges per 8 fl oz²	
2 Starch, 2 Medium-Fat Meat OR	
2 Starch, 1 Medium-Fat Meat, 1 Fat	
Carb Choices per 8 fl oz 2	
† Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.	

Nutrition Information							
(Vanilla)	8 fl oz	1000 mL	1500 mL		8 fl oz	1000 mL	1500 mL
Calories	285	1200	1800	Potassium, mg	480	2020	3030
Protein, g	14.2	60	90	Potassium, mEq	12.3	51.8	77.7
Total Carbohydrate, g	27.1	114.5	171.8	Chloride, mg	305	1280	1920
Dietary Fiber, g	3.8	16.1	24.1	Chloride, mEq	8.7	36.6	54.9
scFOS, g	2.4	10	15	Calcium, mg	190	800	1200
Total Fat, g	14.2	60	90	Phosphorus, mg	190	800	1200
Water, g/mL/cc	192	805	1210	Magnesium, mg	76	320	480
Vitamin A, IU	1840	7730	11,600	Iodine, mcg	29	120	180
Beta-Carotene, mg	0.63	2.7	4	Manganese, mg	0.38	1.6	2.4
Vitamin D, IU	82	345	515	Copper, mg	0.38	1.6	2.4
Vitamin E, IU	9.2	39	58	Zinc, mg	2.9	12	18
Vitamin K, mcg	24	100	150	Iron, mg	3.5	15	22
Vitamin C, mg	62	260	390	Selenium, mcg	14	56	84
Folic Acid, mcg	76	320	480	Chromium, mcg	38	160	240
Thiamin (Vit B ₁), mg	0.29	1.2	1.8	Molybdenum, mcg	19	76	115
Riboflavin (Vit B ₂), mg	0.33	1.4	2.1	Taurine, mg	32	135	200
Vitamin B ₆ , mg	0.38	1.6	2.4	L-Carnitine, mg	42	175	265
Vitamin B ₁₂ , mcg	1.2	4.8	7.2				
Niacin, mg	3.8	16	24				
Choline, mg	105	440	660				
Biotin, mcg	57	240	360				
m-Inositol, mg	200	845	1270				
Pantothenic Acid, mg	1.9	8	12				
Sodium, mg	265	1110	1670				
Sodium, mEq	11.5	48.3	72.6				

† Contains EPA & DHA.

GLUCERNA 1.2 CAL Ingredients

(Vanilla): Water, Sodium Caseinate, Corn Maltodextrin, High Oleic Safflower Oil, Isomaltulose, Canola Oil, Fructose, Soy Protein Isolate, Sucromalt, Short-chain Fructooligosaccharides, Glycerine, Milk Protein Concentrate, Oat Fiber, Soy Lecithin, Soy Fiber, Potassium Citrate, Marine Oil (May contain one or more of the following: Anchovy, Menhaden, Salmon, Sardine, Tuna), Magnesium Phosphate, Natural and Artificial Flavors, Potassium Chloride, m-Inositol, Calcium Carbonate, Calcium Citrate, Sodium Citrate, Ascorbic Acid, Choline Chloride, L-Carnitine, Taurine, Carrageenan, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Vitamin A Palmitate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Beta-Carotene, Riboflavin, Chromium Picolinate, Folic Acid, Biotin, Sodium Molybdate, Sodium Selenate, Potassium Iodide, Phylloquinone, Cyanocobalamin, and Vitamin D₃ (FAN 9075)

Contains milk and soy ingredients.

Note: Minor ingredient differences exist in Ready-To-Hang. For details, consult the product label.

HCPCS Code B4154
www.AbbottNutrition.com
www.Glucerna.com

Glucerna® 1.5 Cal

Specialized High-Calorie Nutrition
*with a unique carbohydrate blend
for enhanced glycemic control*



Usage

GLUCERNA 1.5 CAL is a calorically dense formula that has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate clinically shown to help minimize blood glucose response.¹

- For patients with type 1 or type 2 diabetes
- For patients with hyperglycemia/abnormal glucose tolerance resulting from metabolic stress, such as illness, trauma, or infection
- For tube or oral feeding
- For supplemental or sole-source nutrition
- For use under medical supervision
- Not for IV use

Features

- GLUCERNA 1.5 CAL contains a unique slowly digested carbohydrate blend clinically shown to blunt postprandial glycemic response and improve glycemic variability^{1,2}

- At 1.5 Cal/mL, patient needs can be met with less volume
- 22% of calories from protein to help promote anabolism and support wound healing
- Includes 10 g/L of NutraFlora® scFOS® (2.4 g/8 fl oz) (See page 129 for more about scFOS.)
- 3% of total calories from saturated fatty acids and rich in monounsaturated fatty acids (29% of total calories), consistent with the American Heart Association and American Diabetes Association guidelines³
- Provides plant-based omega-3 fatty acids from canola oil (3 g of ALA per 1500 Cal), consistent with the American Heart Association reported levels to support cardiovascular health⁴
- Chromium picolinate, a more bioavailable form of chromium. Chromium is an essential nutrient important for carbohydrate metabolism
- 1500 Cal provide at least 100% of the DVs for 24 key vitamins and minerals
- Kosher, Halal, suitable for lactose intolerance,* gluten-free

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz cans; 24/case		
Vanilla	53534	70074-0535-35
– Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62679	70074-0626-79

1. Alish CJ, et al. *Diabetes Tech & Ther.* 2010;12:419-425.
2. Data on File. Study BK06 Part B. Abbott Nutrition, 2008.
3. Buse JB, et al. *Circulation.* 2007;115:114-126.
4. Kris-Etherton, et al. *Circulation.* 2002;106:2747-2757.

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

* Not for people with galactosemia

GLUCERNA 1.5 CAL

Technical Data		Nutrition Information					
(Vanilla)		(Vanilla)		(Vanilla)			
		8 fl oz	1000 mL	8 fl oz	1000 mL		
Nutrient Density (Cal/mL)	1.5	Calories	356	1500	Potassium, mEq	15.4	64.6
Protein (% Cal)	22.0	Protein, g	19.6	82.5	Chloride, mg	380	1600
Carbohydrate (% Cal)	33.0	Total Carbohydrate, g	31.5	133.1	Chloride, mEq	10.9	45.7
Fat (% Cal)	45.0	Dietary Fiber, g	3.8	16.1	Calcium, mg	240	1000
n6:n3	5:1	scFOS, g	2.4	10	Phosphorus, mg	240	1000
MUFAs (% Cal)	29.0	Total Fat, g	17.8	75	Magnesium, mg	95	400
Cal to meet 100% DVs	1500	Water, g/mL/cc	180	759	Manganese, mg	0.48	2
mL to meet 100% DVs	1000	Vitamin A, IU	2060	8660	Iodine, mcg	36	150
Total Cal/g Nitrogen	114:1	Beta-Carotene, mg	0.79	3.3	Copper, mg	0.48	2
Nonprotein Cal/g Nitrogen	88:1	Vitamin D, IU	102	430	Zinc, mg	3.6	15
Osmolality, mOsm/kg H ₂ O	875	Vitamin E, IU	12	48	Iron, mg	4.3	18
Renal Solute Load (mOsm/L)	643	Vitamin K, mcg	30	125	Chromium, mcg	48	200
Kosher, Halal	Yes	Vitamin C, mg	78	325	Molybdenum, mcg	23	95
Gluten-Free	Yes	Folic Acid, mcg	95	400	Selenium, mcg	17	70
Suitable for Lactose Intolerance*	Yes	Thiamin, mg	0.36	1.5	Choline, mg	131	550
Low-Residue	No	Riboflavin, mg	0.41	1.7	Taurine, mg	40	165
Viscosity		Niacin, mg	4.8	20	Carnitine, mg	51	215
Thin (Room Temperature)		Vitamin B ₆ , mg	0.48	2	Inositol, mg	205	845
Nectar-Like (Chilled)		Vitamin B ₁₂ , mcg	1.5	6			
Minimum Tube Size for Gravity/Pump Feeding, Fr	12/10	Biotin, mcg	75	300			
Exchanges (per 8 fl oz)[†]		Choline, mg	131	550			
2 Starch, 3 Medium-Fat Meats		Pantothenic Acid, mg	2.4	10			
Carb Choices per 8 fl oz	2	Sodium, mg	330	1380			
		Sodium, mEq	14.3	60			
		Potassium, mg	600	2520			

[†] Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

GLUCERNA 1.5 CAL Ingredients

(Vanilla): Water, Sodium and Calcium Caseinates, Corn Maltodextrin, High Oleic Safflower Oil, Canola Oil, Isomaltulose, Fructose, Soy Protein Isolate, Sucromalt, Short-chain Fructooligosaccharides, Glycerine, Potassium Citrate, Magnesium Chloride, Oat Fiber, Calcium Phosphate, Soy Fiber, Soy Lecithin, Sodium Citrate, Inositol, Ascorbic Acid, Choline Chloride, Magnesium Phosphate, Carnitine, Taurine, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Gellan Gum, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Beta-Carotene, Vitamin A Palmitate, Riboflavin, Chromium Picolinate, Folic Acid, Biotin, Sodium Molybdate, Sodium Selenate, Potassium Iodide, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 9075)

Contains milk and soy ingredients.

Note: Minor ingredient differences exist in Ready-To-Hang. For details, consult the product label.

HCPCS Code B4154
www.AbbottNutrition.com
www.Glucerna.com

Glucerna® Hunger Smart™ Shake

For People With Diabetes


NutraFlora
A Division of Abbott Laboratories

Available at retail only



Usage

GLUCERNA HUNGER SMART SHAKE is a delicious meal, partial meal replacement, or snack specifically designed for people with diabetes to be used to help manage hunger as part of a weight loss plan.

- Not for sole-source nutrition
- Not for tube feeding
- Not for parenteral use

Features

- Excellent source of protein (30% DV) to help manage hunger
- Has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrates to help minimize blood glucose response
- Chromium picolinate, a more bioavailable form of chromium. Chromium is an essential nutrient important for carbohydrate metabolism
- Antioxidant vitamins C, E, and selenium
- Great-tasting Homemade Vanilla and Rich Chocolate
- Kosher, Halal, suitable for lactose intolerance,* gluten-free

Availability (See page 165 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 11.5-fl-oz bottle; 4 bottles/carton; 3 cartons/case		
Homemade Vanilla	62059	70074-0620-60
Rich Chocolate	62062	70074-0620-63

Available at retail stores in the adult nutritional or pharmacy section.

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

GLUCERNA HUNGER SMART SHAKE

GLUCERNA HUNGER SMART SHAKE

Ingredients

(Homemade Vanilla): Water, Milk Protein Concentrate, Fructose, Corn Maltodextrin; **Less than 1% of:** High Oleic Safflower Oil, Soy Protein Isolate, Calcium Caseinate, Canola Oil, Soy Oil, Glycerine, Short-Chain Fructooligosaccharides, Natural and Artificial Flavor, Cellulose Gel, Sodium Citrate, Soy Fiber, Magnesium Phosphate, Soy Lecithin, Potassium Citrate, Ascorbic Acid, Potassium Chloride, Magnesium Chloride, Choline Chloride, Cellulose Gum, Carrageenan, Sodium Chloride, Calcium Phosphate, Sucralose, Acesulfame Potassium, Gellan Gum, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Chromium Picolinate, Manganese Sulfate, Cupric Sulfate, Vitamin A Palmitate, Pyridoxine Hydrochloride, Thiamine Chloride Hydrochloride, Riboflavin, Folic Acid, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin and Vitamin D3. (FAN 9043-02)

Contains milk and soy ingredients.

HCPCS Code B4154
www.AbbottNutrition.com
www.Glucerna.com

Technical Data		Nutrition Information					
(Homemade Vanilla)		(Homemade Vanilla)	11.5 fl oz	% DV			
Protein (% Cal)	33	Calories	180		Pantothenic Acid, mg	2.5	25
Carbohydrate (% Cal)	27	Protein, g	15	30	Sodium, mg	300	13
Fat (% Cal)	40	Total Carbohydrate, g	14	5	Potassium, mg	310	9
Gluten-Free	Yes	Dietary Fiber, g	3	12	Calcium, mg	300	30
Suitable for Lactose Intolerance*	Yes	Sugars, g	6		Phosphorus, mg	300	30
Kosher	Yes	Glycerine, g	1		Iodine, mcg	38	25
Halal	Yes	Total Fat, g	8	12	Magnesium, mg	120	30
Exchanges[†]		Saturated Fat, g	1	5	Zinc, mg	4.5	30
1 Starch, 1 ½ Medium Fat Meat		Trans Fat, g	0		Iron, mg	4.5	25
Carb Choices	1	Polyunsaturated Fat, g	2.5		Selenium, mcg	18	25
		Monounsaturated Fat, g	4.5		Copper, mg	0.5	25
		Cholesterol, mg	10	3	Manganese, mg	0.5	25
		Vitamin A, IU	1250	25	Chromium, mcg	200	170
		Vitamin C, mg	60	100	Molybdenum, mcg	23	30
		Vitamin D3, IU	100	25	Chloride, mg	272	8
		Vitamin E, IU	7.5	25			
		Vitamin K1, mcg	20	25			
		Thiamin, mg	0.38	25			
		Riboflavin, mg	0.43	25			
		Niacin, mg	5	25			
		Vitamin B ₆ , mg	0.5	25			
		Folate, mcg	100	25			
		Vitamin B ₁₂ , mcg	1.5	25			
		Choline, mg	138	25			
		Biotin, mcg	75	25			

[†]Exchange Lists for Diabetes Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

Nutrient values, carb choices and exchanges vary slightly by flavor. Check product label for information.

Glucerna® Hunger Smart™ Snack Bar

For People With Diabetes

**NutraFlora**
A Division of Abbott Laboratories

Available at retail only



Usage

GLUCERNA HUNGER SMART SNACK BARS are a great tasting snack specifically designed for patients with diabetes to help manage hunger as part of a weight loss plan.

Features

- Excellent source of protein (20% DV) to help manage hunger
- Has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrates to help minimize blood glucose response

- Specially formulated to help minimize blood sugar spikes, when used as part of a diabetes management plan
- Antioxidant vitamins C, E, and A (100% of Vitamin A from beta-carotene)
- Great-tasting Chocolate Chip Crisp and Chocolate Peanut Crisp
- Kosher, suitable for lactose intolerance*

Availability (See page 165 for retail list numbers.)

Flavor List No. NDC Format Code

— 1.41-oz (40-g) bars; 4 bars/carton; 6 cartons/case

Chocolate Chip Crisp 62074 70074-0620-75

Chocolate Peanut Crisp 62077 70074-0620-78

Available at retail stores in the adult nutritional or pharmacy section.

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

Glucerna® Meal Bar

For People With Diabetes



Available at retail only

Usage

GLUCERNA MEAL BARS are designed as a meal replacement specifically for patients with diabetes.

- Designed to help patients with diabetes manage their blood glucose response

Features

- Specially formulated to help minimize blood-sugar spikes. Use as part of a diabetes management plan
- Convenient—can be used as a meal replacement

- Has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate clinically shown to help minimize blood glucose response¹
- Provides 24 essential vitamins and minerals
- Fortified with antioxidant vitamins C, E, and A (100% from beta-carotene), which help protect against cell damage
- 2 g to 3 g fiber (depending on flavor)
- Delicious Chocolate Peanut, Chocolate Chunk
- Kosher, Halal (M) (certain flavors)

Availability (See page 165 for retail list numbers.)

Flavor _____ List No. _____ NDC Format Code _____

— 2.04-oz (58-g) bars; 4 bars/carton; 6 cartons/case

Chocolate Peanut (M)57616 70074-0576-17

Chocolate Chunk57603 70074-0576-04

Available at retail stores in the adult nutritional or pharmacy section.

1. Fix BM, et al. *Diabetes*. 2003;52(suppl 1): A72.

* Not for people with galactosemia

GLUCERNA BAR

Technical Data		Nutrition Information			
		58-g Bar		58-g Bar	
			% DV		% DV
(Chocolate Peanut)					
Protein (% Cal)	18.0	Calories	220	Potassium, mg	140 4
Carbohydrate (% Cal)	53.0	Protein, g	10 20	Chloride, mg	140 4
Fat (% Cal)	29.0	Total Carbohydrate, g	34 11	Calcium, mg	350 35
Kosher	Yes	Dietary Fiber, g	2 8	Phosphorus, mg	350 35
Halal (certain flavors)	Yes	Sugars, g	11	Magnesium, mg	100 25
Gluten-Free	No	Sugar Alcohols, g	10	Iodine, mcg	45 30
Lactose, g*	<1	Total Fat, g	7 11	Manganese, mg	0.80 40
Exchanges†		Saturated Fat, g	3.5 18	Copper, mg	0.50 25
2 Starch, 1 Medium-Fat Meat		Trans Fat, g	0	Zinc, mg	4.5 30
Carb Choices 2		Cholesterol, mg	0 0	Iron, mg	3.6 20
(Exchanges and Carb Choices adjusted for sugar alcohols.)		Vitamin A, IU	1500 30	Selenium, mcg	18 25
		Beta-Carotene, mg	0.9	Chromium, mcg	60 50
		Vitamin D, IU	160 40	Molybdenum, mcg	38 50
		Vitamin E, IU	15 50		
		Vitamin K, mcg	28 35		
		Vitamin C, mg	30 50		
		Folic Acid, mcg	140 35		
		Thiamin (Vit B ₁), mg	0.53 35		
		Riboflavin (Vit B ₂), mg	0.6 35		
		Vitamin B ₆ , mg	0.70 35		
		Vitamin B ₁₂ , mcg	1.5 25		
		Niacin, mg	7 35		
		Biotin, mcg	105 35		
		Pantothenic Acid, mg	3.5 35		
		Sodium, mg	180 8		

† Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

GLUCERNA BAR Ingredients

(Chocolate Peanut): Fruit Juice and Grain Dextrins, Caramel (Maltitol Syrup, Nonfat Milk, Partially Hydrogenated Soybean Oil, Cream, Glycerine, Butter [Cream, Salt], Salt, Disodium Phosphate, Carrageenan, Natural and Artificial Flavors, Soy Lecithin), Chocolate Flavored Coating (Lactitol, Fractionated Palm Kernel Oil, Polydextrose, Cocoa, Artificial Flavor, Soy Lecithin, Monoglycerides, Vanilla, Acesulfame K), Soy Protein Isolate, Corn Maltodextrin, Peanuts, Fructose, Partially Defatted Peanut Flour, Graham Cracker Crumbs [Enriched Flour [Wheat Flour, Niacin, Reduced Iron, Thiamine Mononitrate, Riboflavin, Folic Acid], High Fructose Corn Syrup, Whole Wheat Flour, Partially Hydrogenated Soybean Oil, Sodium Bicarbonate, Salt, Honey), **Less than 2% of the following:** Calcium Phosphate, High Fructose Corn Syrup, Natural and Artificial Flavors, Glycerine, Magnesium Oxide, Ascorbic Acid, Salt, Cellulose Gel, Guar Gum, dl-Alpha-Tocopheryl Acetate, Ferric Orthophosphate, Niacinamide, Zinc Oxide, Calcium Pantothenate, Copper Gluconate, Manganese Sulfate, Beta-Carotene, Pyridoxine Hydrochloride, Thiamine Mononitrate, Riboflavin, Sodium Selenate, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Phylloquinone, Vitamin D₃, and Cyanocobalamin. (FAN 8912-02)

Contains milk, soy, wheat and peanut ingredients; manufactured in a facility that processes eggs and tree nuts.

Nutrient values, carb choices and exchanges vary slightly by flavor. Check product label for information.

www.AbbottNutrition.com
www.Glucerna.com

Glucerna® Mini-Snack Bar

For People With Diabetes

Available at retail only



Usage

GLUCERNA MINI-SNACK BARS are designed as a snack specifically for people with diabetes.

- Designed to help people with diabetes manage blood glucose levels when used as a snack as part of a diabetes management plan

Features

- Specially formulated to help minimize blood sugar spikes. Use as part of a diabetes management plan

- Has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate clinically shown to help minimize blood glucose response¹
- 70 Cal (Oatmeal Raisin) or 80 Cal (Chocolate Peanut) per 20-g bar for a convenient on-the-go snack
- Kosher, Halal (M) (certain flavors), suitable for lactose intolerance*

Availability (See page 165 for retail list numbers.)

Flavor List No. NDC Format Code

— 0.70-oz (20-g) bars; 8 bars/carton; 6 cartons/case

Oatmeal Raisin59704 70074-0597-05

Chocolate Peanut (M)59708 70074-0597-09

Available at retail stores in the adult nutritional or pharmacy section.

1. Fix BM, et al. *Diabetes*. 2003;52(suppl 1): A72.

* Not for people with galactosemia

GLUCERNA MINI-SNACK BAR

GLUCERNA MINI-SNACK BAR

Ingredients

(Chocolate Peanut): Fruit Juice and Grain Dextrins, Soy Protein Isolate, Caramel (Maltitol Syrup, Nonfat Milk, Partially Hydrogenated Soybean Oil, Cream, Glycerine, Butter [Cream, Salt], Salt, Disodium Phosphate, Carrageenan, Natural and Artificial Flavors, Soy Lecithin), Chocolate Flavored Coating (Lactitol, Fractionated Palm Kernel Oil, Polydextrose, Cocoa, Artificial Flavor, Soy Lecithin, Monoglycerides, Vanilla, Acesulfame K), Corn Maltodextrin, Peanuts, Fructose, Partially Defatted Peanut Flour, Graham Cracker Crumbs (Enriched Flour [Wheat Flour, Niacin, Reduced Iron, Thiamine Mononitrate, Riboflavin, Folic Acid], High Fructose Corn Syrup, Whole Wheat Flour, Partially Hydrogenated Soybean Oil, Sodium Bicarbonate, Salt, Honey), **Less than 2% of the following:** Calcium Phosphate, High Fructose Corn Syrup, Natural and Artificial Flavors, Glycerine, Magnesium Oxide, Ascorbic Acid, Salt, Cellulose Gel, Guar Gum, dl-Alpha-Tocopheryl Acetate, Ferric Orthophosphate, Niacinamide, Zinc Oxide, Calcium Pantothenate, Copper Gluconate, Manganese Sulfate, Beta-Carotene, Pyridoxine Hydrochloride, Thiamine Mononitrate, Riboflavin, Sodium Selenate, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Phylloquinone, Vitamin D₃, and Cyanocobalamin. (FAN 9043-03)

Contains milk, soy, wheat and peanut ingredients; manufactured in a facility that processes eggs and tree nuts.

www.AbbottNutrition.com
www.Glucerna.com

Technical Data		Nutrition Information			
(Chocolate Peanut)		20-g Bar		20-g Bar	
		% DV		% DV	
Protein (% Cal)	20	Calories	80	Calcium, mg	100
Carbohydrate (% Cal)	52	Protein, g	4	8	Phosphorus, mg
Fat (% Cal)	28	Total Carbohydrate, g	12	4	Iodine, mcg
Kosher	Yes	Dietary Fiber, g	<1	<4	Magnesium, mg
Halal (certain flavors)	Yes	Sugars, g	4		Zinc, mg
Gluten-Free	No	Sugar Alcohols, g	3		Iron, mg
Suitable for Lactose Intolerance*	Yes	Total Fat, g	2.5	4	Selenium, mcg
Exchanges[†]		Saturated Fat, g	1	5	Copper, mg
1 Starch, 1 Fat		<i>Trans</i> Fat, g	0		Manganese, mg
Carb Choices	1	Cholesterol, mg	0	0	Chromium, mcg
		Vitamin A, IU	500	10	Molybdenum, mcg
		Vitamin C, mg	9	15	Chloride, mg
		Vitamin D, IU	60	15	
		Vitamin E, IU	4.5	15	
		Vitamin K, mcg	8	10	
		Thiamin, mg	0.15	10	
		Riboflavin, mg	0.17	10	
		Niacin, mg	2	10	
		Vitamin B ₆ , mg	0.2	10	
		Folate, mcg	40	10	
		Vitamin B ₁₂ , mcg	0.5	8	
		Biotin, mcg	30	10	
		Pantothenic Acid, mg	1	10	
		Sodium, mg	60	3	
		Potassium, mg	50	1	

[†]Exchange Lists for Diabetes Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

Nutrient values, carb choices and exchanges vary slightly by flavor. Check product label for information.

Glucerna® Shake

Complete, Balanced Nutrition®
For People With Diabetes

Available at retail only



Usage

GLUCERNA SHAKE in the convenient reclosable plastic bottle contains ingredients that contribute to blood glucose management and support cardiovascular health.¹⁻⁴

- For people with diabetes
- For use as a supplement, snack, or meal as part of a diabetes management plan
- Not for sole-source nutrition
- Not for tube feeding
- Not for parenteral use

Features

- Specially formulated to help minimize blood-sugar spikes. Use as part of a diabetes management plan

- Has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate clinically shown to help minimize blood glucose response⁴
- Clinically shown to help people with diabetes lose weight when used as part of a structured weight-loss program^{5-6*}
- Glucerna Shake has been the #1 doctor- and nutritionist-recommended liquid nutritional product for people with diabetes⁷
- 27 vitamins and minerals for Complete, Balanced Nutrition®
- Chromium picolinate, a more bioavailable form of chromium. Chromium is an essential nutrient important for carbohydrate metabolism
- Contains 400 mg per serving of plant sterol esters, which may help reduce the risk of heart disease^{2,3*}
- Kosher, Halal, suitable for lactose intolerance,[†] gluten-free

Availability (See page 165 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 8-fl-oz bottles; 24/case		
Homemade Vanilla	57801	70074-0578-03
Rich Chocolate	57804	70074-0578-06
Creamy Strawberry	57807	70074-0578-09
Classic Butter Pecan	57810	70074-0578-12

Available at retail stores in the adult nutritional or pharmacy section.

* Foods containing 400 mg plant sterol esters per serving, eaten twice a day with other foods for a total dietary intake of 800 mg as part of a diet low in saturated fat and cholesterol, may reduce the risk of heart disease by lowering LDL cholesterol

† Not for people with galactosemia

GLUCERNA SHAKE

Technical Data

(Homemade Vanilla)

Nutrient Density (Cal/mL)	0.84
Protein (% Cal)	20.0
Carbohydrate (% Cal)	48.0
Fat (% Cal)	32.0
n6:n3	13:1
Kosher, Halal	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance†	Yes
Low-Residue	No
Viscosity	
Thin (Room Temperature)	
Thin (Chilled)	
Exchanges[‡]	
1 Starch, 1 Fat, 1 Lowfat Milk Carb Choices	2

† Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

Nutrition Information

(Homemade Vanilla)

	8 fl oz	% DV		8 fl oz	% DV
Calories	200		Calcium, mg	250	25
Protein, g	10	20	Phosphorus, mg	250	25
Fat, g	7	11	Magnesium, mg	100	25
Saturated Fat, g	0.5	3	Manganese, mg	0.5	25
Trans Fat, g	0		Iodine, mcg	38	25
Cholesterol, mg	<5	<2	Copper, mg	0.5	25
Total Carbohydrate, g	26	9	Zinc, mg	3.8	25
Dietary Fiber, g	3	12	Iron, mg	4.5	25
Sugars, g	6		Chromium, mcg	200	170
Vitamin A, IU	1250	25	Molybdenum, mcg	26	35
Vitamin D, IU	100	25	Selenium, mcg	18	25
Vitamin E, IU	7.5	25	Choline, mg	138	25
Vitamin K, mcg	20	25			
Vitamin C, mg	60	100			
Folic Acid, mcg	100	25			
Thiamin, mg	0.38	25			
Riboflavin, mg	0.43	25			
Niacin, mg	5	25			
Vitamin B ₆ , mg	0.5	25			
Vitamin B ₁₂ , mcg	1.5	25			
Biotin, mcg	75	25			
Pantothenic Acid, mg	2.5	25			
Sodium, mg	210	9			
Potassium, mg	380	11			
Chloride, mg	340	10			

1. Broadhurst CL, et al. *Diabetes Tech & Ther.* 2006;8:677-687.
2. Lichtenstein AH, et al. *Circulation.* 2006;114:82-96.
3. Katan MB, et al. *Mayo Clin Proc.* 2003;78:965-978.
4. Study BK02. Abbott Nutrition, February 2007.
5. Garvey TW, et al. *Obesity.* 2006;14:A167.
6. Study BJ19. Abbott Nutrition, July 2002.
7. Data on file. Abbott Nutrition, September 2010.

GLUCERNA SHAKE

Ingredients

(Homemade Vanilla): Water, Corn Maltodextrin, Sodium and Calcium Caseinates, Sucromalt, Glycerine, Soy Protein Isolate, Fructose, High Oleic Safflower Oil, **Less than 1%:** Canola Oil, Soy Oil, Natural and Artificial Flavors, Plant Sterol Esters, Calcium Phosphate, Magnesium Chloride, Sodium Citrate, Soy Lecithin, Potassium Citrate, Magnesium Phosphate, Potassium Chloride, Potassium Phosphate, Choline Chloride, Ascorbic Acid, Carrageenan, Acesulfame Potassium, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Sucralose, Niacinamide, Calcium Pantothenate, Chromium Picolinate, Manganese Sulfate, Cupric Sulfate, Vitamin A Palmitate, Pyridoxine Hydrochloride, Thiamine Chloride Hydrochloride, Riboflavin, Folic Acid, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.

(FAN 9043-10)

Contains milk and soy ingredients.

HCPCS Code B4154
www.AbbottNutrition.com
www.Glucerna.com

Glucerna® Snack Bar

For People With Diabetes



Available at retail only


Usage

GLUCERNA SNACK BARS are a delicious between-meal snack specifically designed for use by patients with diabetes in conjunction with the prescribed diet.

- For patients with diabetes

Features

- Specially formulated to help minimize blood-sugar spikes. Use as part of a diabetes management plan

- Has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate clinically shown to help minimize blood glucose response¹
- Delicious Chocolate Caramel, Double Chocolate Crisp
- Fortified with antioxidant vitamins C, E, and A (100% from beta-carotene) to help protect against cell damage
- Kosher, Halal  (certain flavors)

Availability (See page 166 for retail list numbers.)

Flavor _____ List No. _____ NDC Format Code _____

— 1.41-oz (40-g) bars; 4 bars/carton; 6 cartons/case

Chocolate Caramel  56957 70074-0569-58

Double Chocolate Crisp 56681 70074-0566-82

Available at retail stores in the adult nutritional or pharmacy section.

* Not for people with galactosemia

GLUCERNA SNACK BAR

Technical Data		Nutrition Information		
(Chocolate Caramel)		40-g Bar	% DV	
Protein (% Cal)	17	Calories	140	
Carbohydrate (% Cal)	57	Protein, g	6	
Fat (% Cal)	26	Total Carbohydrate, g	25	
Kosher	Yes	Dietary Fiber, g	1	
Halal (certain flavors)	Yes	Sugars, g	3	
Gluten-Free	No	Sugar Alcohols, g	10	
Lactose, g*	<1	Total Fat, g	4	
Exchanges†		Saturated Fat, g	3	
1 Starch, 1 Medium-Fat Meat		Trans Fat, g	0	
Carb Choices	1	Cholesterol, mg	0	
(Exchanges and Carb Choices adjusted for sugar alcohols.)		Vitamin A, IU	1000	20
		Beta-Carotene, mg	0.60	
		Vitamin E, IU	30	100
		Vitamin C, mg	15	25
		Sodium, mg	150	6
		Potassium, mg	80	2
		Calcium, mg	20	2
		Iron, mg	1.1	6
		Chromium, mcg	30	25
Nutrient values, carb choices and exchanges vary slightly by flavor. Check product label for information.				
1. Nicholson S, et al. <i>Diabetes</i> . 2001;50:(Suppl 2):1532.				

† Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

GLUCERNA SNACK BAR

Ingredients
(Chocolate Caramel): Caramel (Maltitol Syrup, Nonfat Milk, Partially Hydrogenated Soybean Oil, Cream, Glycerine, Butter [Cream, Salt], Salt, Disodium Phosphate, Carrageenan, Natural and Artificial Flavors, Soy Lecithin), Crisp Soy Nuggets (Soy Protein Isolate, Rice Flour, Malt, Salt), Chocolate Flavored Coating (Lactitol, Fractionated Palm Kernel Oil, Polydextrose, Cocoa, Artificial Flavor, Soy Lecithin, Monoglycerides, Vanilla, Acesulfame K), Fruit Juice and Grain Dextrins, Crisp Rice, Corn Maltodextrin, Soy Protein Isolate, **Less than 2% of the following:** Glycerine, Cellulose Gel, Natural and Artificial Flavors, Peanut Butter (Peanuts, Hydrogenated Vegetable Oil [Rapeseed Cottonseed], Salt), Guar Gum, dl-Alpha-Tocopheryl Acetate, Ascorbic Acid, Beta-Carotene, and Chromium Chloride. (FAN 9043-04)

Contains milk, soy and peanut ingredients; manufactured in a facility that processes eggs, tree nuts, and wheat.

www.AbbottNutrition.com
www.Glucerna.com

Glucerna® Snack Shake

Complete, Balanced Nutrition®
For People With Diabetes


NutraFlora
LIFE. PROTECT. SUSTAIN.

Available at retail only



Usage

GLUCERNA SNACK SHAKE is a delicious between-meal snack for use as part of a diabetes management plan.

- For people with diabetes
- Not for sole-source nutrition
- Not for tube feeding
- Not for parenteral use

Features

- Specially formulated to help minimize blood-sugar spikes. Use as part of a diabetes management plan

- Chromium picolinate, a more bioavailable form of chromium. Chromium is an essential nutrient important for carbohydrate metabolism
- Has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate to help minimize blood glucose response
- Good source (197 mg) of plant-based omega-3s (12% of the 1.6 g DV)
- Good source of 26 essential vitamins and minerals for complete, balanced nutrition
- Kosher, Halal, suitable for lactose intolerance,* gluten-free

Availability (See page 166 for retail list numbers.)

Flavor _____ List No. _____ NDC Format Code _____

— 8-fl-oz cans; 16/case

Homemade Vanilla59856 70074-0598-58

Creamy Chocolate Delight59859 70074-0598-61

Available at retail stores in the adult nutritional or pharmacy section.

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

GLUCERNA SNACK SHAKE

Technical Data		Nutrition Information			
(Homemade Vanilla)		(Homemade Vanilla)		(Homemade Vanilla)	
		8 fl oz	% DV	8 fl oz	% DV
Nutrient Density (Cal/mL)	0.6	Calories	140	Chloride, mg	340 10
Protein (% Cal)	20.0	Protein, g	7.0 14	Calcium, mg	150 15
Carbohydrate (% Cal)	48.0	Fat, g	5 8	Phosphorus, mg	150 15
Fat (% Cal)	32.0	Saturated Fat, g	0.5 3	Magnesium, mg	60 15
Kosher	Yes	Trans Fat, g	0	Manganese, mg	0.3 15
Halal	Yes	Cholesterol, mg	<5 <2	Iodine, mcg	22.5 15
Gluten-Free	Yes	Total Carbohydrate, g	19 6	Copper, mg	0.3 15
Suitable for Lactose Intolerance*	Yes	Dietary Fiber, g	3.0 12	Zinc, mg	2.25 15
Low-Residue	No	scFOS®, g	1.6	Iron, mg	2.7 15
Viscosity		Sugars, g	5	Chromium, mcg	120 100
Thin (Room Temperature)		Vitamin A, IU	750 15	Molybdenum, mcg	15 20
Thin (Chilled)		Vitamin D, IU	60 15	Selenium, mcg	10.5 15
Exchanges†		Vitamin E, IU	4.5 15	Choline, mg	83 15
1 Starch, 1 Medium-Fat Meat		Vitamin K, mcg	12 15		
Carb Choices	1	Vitamin C, mg	36 60		
		Folic Acid, mcg	60 15		
		Thiamin, mg	0.23 15		
		Riboflavin, mg	0.26 15		
		Niacin, mg	3 15		
		Vitamin B ₆ , mg	0.3 15		
		Vitamin B ₁₂ , mcg	0.9 15		
		Biotin, mcg	45 15		
		Pantothenic Acid, mg	1.5 15		
		Sodium, mg	180 8		
		Potassium, mg	290 8		

* Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.

1. Broadhurst CL, et al. *Diabetes Tech & Ther.* 2006;8:677-687.

GLUCERNA SNACK SHAKE Ingredients

(Homemade Vanilla): Water, Corn Maltodextrin, Milk Protein Concentrate, Fructose, Glycerine, High Oleic Safflower Oil, **Less than 1% of:** Sodium Caseinate, Canola Oil, Short-chain Fructooligosaccharides, Soy Protein Isolate, Soy Fiber, Cellulose Gel, Magnesium Phosphate, Natural and Artificial Flavors, Potassium Citrate, Salt, Potassium Chloride, Soy Lecithin, Calcium Phosphate, Calcium Carbonate, Cellulose Gum, Choline Chloride, Ascorbic Acid, Carrageenan, Acesulfame Potassium, Gellan Gum, Sucralose, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Calcium Pantothenate, Chromium Picolinate, Manganese Sulfate, Cupric Sulfate, Vitamin A Palmitate, Pyridoxine Hydrochloride, Thiamine Chloride Hydrochloride, Riboflavin, Folic Acid, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.

(FAN 8565-02)

Contains milk and soy ingredients.

www.AbbottNutrition.com
www.Glucerna.com

Glucerna® Therapeutic Nutrition Shake

Therapeutic Nutrition
For People With Diabetes



Usage

GLUCERNA THERAPEUTIC NUTRITION SHAKE has CarbSteady®, a unique blend of carbohydrates, including slowly digestible carbohydrate clinically shown to help minimize blood glucose response.¹ GLUCERNA THERAPEUTIC NUTRITION SHAKE is a good choice for patients who are trying to manage their blood glucose levels and weight.

- For patients with diabetes or abnormal glucose tolerance
- For use as an oral supplement in conjunction with a diabetes meal plan
- For oral use only
- Not for sole-source nutrition
- Not for parenteral use

Features

- Consistent with American Diabetes Association and American Heart Association recommendations favoring monounsaturated fats and 4% of calories from saturated fat to help improve lipid profiles²
- 2.4 g dietary fiber/8 fl oz
- 1 g NutraFlora® scFOS®/8 fl oz. scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon (See page 129 for more about scFOS.)
- Meets or exceeds 25% of the DV for 24 essential vitamins and minerals in 8 fl oz
- 50% of the DV for vitamins B₆, B₁₂, and folate
- 100% of the DV for antioxidant vitamins C and E to help protect against cell damage
- Kosher, Halal, suitable for lactose intolerance,³ gluten-free

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Homemade Vanilla	54328	70074-0543-29
Rich Chocolate	54544	70074-0545-45
Creamy Strawberry	56052	70074-0560-53
Classic Butter Pecan	54326	70074-0543-27

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

* Not for people with galactosemia

GLUCERNA THERAPEUTIC NUTRITION SHAKE

Technical Data	
(Homemade Vanilla)	
Nutrient Density (Cal/mL)	0.93
Protein (% Cal)	18.0
Carbohydrate (% Cal)	47.0
Fat (% Cal)	35.0
n6:n3	13:1
Kosher, Halal	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance*	Yes
Low-Residue	No
Total Cal/g Nitrogen	138:1
Nonprotein Cal/g Nitrogen	113:1
Osmolality, mOsm/kg H ₂ O	530
Renal Solute Load, mOsm/8 fl oz	86
Viscosity	
Thin (Room Temperature)	
Thin (Chilled)	
Exchanges[†]	
1 Starch, 1/2 Fat, 1 Lowfat Milk Carb Choices	2
(Exchanges and Carb Choices adjusted for sugar alcohols.)	
[†] Exchange Lists for Diabetes. Alexandria, Va, and Chicago: American Diabetes Association and Academy of Nutrition and Dietetics, 2008.	

Nutrition Information				Nutrition Information	
(Homemade Vanilla)	8 fl oz	% DV	(Homemade Vanilla)	8 fl oz	% DV
Calories	220		Biotin, mcg	75	25
Protein, g	9.9		Pantothenic Acid, mg	2.5	25
Total Carbohydrate, g	29.3		Sodium, mg	210	Not est.
Dietary Fiber, g	2.5		Sodium, mEq	9.1	
scFOS, g	1.0		Potassium, mg	370	Not est.
Sugars, g	7.0		Potassium, mEq	9.5	
Sugar Alcohols, g	5.7		Chloride, mg	355	10
Total Fat, g	8.6		Chloride, mEq	10	
Saturated Fat, g	1.0		Calcium, mg	250	25
Trans Fat, g	0		Phosphorus, mg	250	25
Cholesterol, mg	<5		Magnesium, mg	100	25
Water, g/mL/cc	200		Iodine, mcg	38	25
Vitamin A, IU	1750	35	Manganese, mg	1.0	50
Beta-Carotene, mg	0.50		Copper, mg	0.50	25
Vitamin D, IU	100	25	Zinc, mg	3.8	25
Vitamin E, IU	30	100	Iron, mg	4.5	25
Vitamin K, mcg	20	25	Selenium, mcg	18	26
Vitamin C, mg	60	100	Chromium, mcg	120	100
Folic Acid, mcg	200	50	Molybdenum, mcg	38	51
Thiamin (Vit B ₁), mg	0.38	25			
Riboflavin (Vit B ₂), mg	0.43	25			
Vitamin B ₆ , mg	1.0	50			
Vitamin B ₁₂ , mcg	3.0	50			
Niacin, mg	5.0	25			
Choline, mg	100	Not est.			

1. Fix BM, et al. *Ann Nutr Metab.* 2001;45(Suppl 1):277.
2. Buse JB, et al. *Circ.* 2007;115:114-126.

GLUCERNA THERAPEUTIC NUTRITION SHAKE

Ingredients

(Homemade Vanilla): Water, Corn Maltodextrin, Sodium and Calcium Caseinates, Maltitol Syrup, High Oleic Safflower Oil, Fructose, Soy Protein Isolate, Soy Fiber, Short-chain Fructooligosaccharides, Canola Oil, Calcium Phosphate, Magnesium Chloride, Soy Lecithin, Artificial Flavor, Sodium Citrate, Magnesium Phosphate, Potassium Citrate, Potassium Chloride, Potassium Phosphate, Ascorbic Acid, Choline Chloride, dl-Alpha-Tocopheryl Acetate, Gellan Gum, Acesulfame Potassium, Ferrous Sulfate, Zinc Sulfate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, Sucralose, Pyridoxine Hydrochloride, Thiamine Chloride Hydrochloride, Vitamin A Palmitate, Riboflavin, Chromium Chloride, Beta-Carotene, Folic Acid, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 9043-05)

Contains milk and soy ingredients.

HCPCS Code B4154
www.AbbottNutrition.com
www.Glucerna.com

Hi-Cal

High-calorie Oral Supplement



Usage

HI-CAL is a high-calorie oral supplement fortified with vitamins and minerals. HI-CAL is ideal for Med Pass programs.

- For oral use only
- Not for tube feeding
- Not for IV use

Features

- 2 Cal/mL
- Meets or exceeds 20% of the RDI for 24 essential vitamins and minerals in 8 fl oz
- Vanilla flavor, ready to serve
- 1-liter plastic bottle is reclosable
- Cutter cap easily pierces foil seal
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 1-Liter bottles; 8/case		
Vanilla	58253	70074-0582-54

* Not for people with galactosemia

HI-CAL

Technical Data		Nutrition Information			
		8 fl oz	% RDI	8 fl oz	% RDI
Nutrient Density (Cal/mL)	2.0				
Protein (% Cal)	16.7	Calories	475	Chloride, mg	340 10
Carbohydrate (% Cal)	43.2	Protein, g	19.8	Chloride, mEq	9.6
Fat (% Cal)	40.1	Total Carbohydrate, g	51.3	Calcium, mg	200 20
Kosher, Halal	Yes	Total Fat, g	21.2	Phosphorus, mg	200 20
Gluten-Free	Yes	<i>Trans</i> Fat, g	0	Magnesium, mg	80 20
Suitable for Lactose Intolerance*	Yes	Water, g/mL/cc	166	Iodine, mcg	30 20
Low-Residue	Yes	Vitamin A, IU	1000 20	Manganese, mg	1.0 50
Total Cal/g Nitrogen	150:1	Vitamin D, IU	80 20	Copper, mg	0.40 20
Nonprotein Cal/g Nitrogen	125:1	Vitamin E, IU	9.0 30	Zinc, mg	4.5 30
Osmolality, mOsm/kg H ₂ O	705	Vitamin K, mcg	16 20	Iron, mg	3.6 20
Renal Solute Load, mOsm/L	643	Vitamin C, mg	12 20	Selenium, mcg	14 20
Viscosity		Folic Acid, mcg	80 20	Chromium, mcg	24 20
Nectar-like (Room Temperature)		Thiamin (Vit B ₁), mg	0.30 20	Molybdenum, mcg	30 40
Nectar-like (Chilled)		Riboflavin (Vit B ₂), mg	0.34 20		
		Vitamin B ₆ , mg	0.40 20		
		Vitamin B ₁₂ , mcg	1.2 20		
		Niacin, mg	4.0 20		
		Choline, mg	75 Not est.		
		Biotin, mcg	60 20		
		Pantothenic Acid, mg	2.0 20		
		Sodium, mg	345 Not est.		
		Sodium, mEq	15		
		Potassium, mg	580 Not est.		
		Potassium, mEq	14.8		

HI-CAL Ingredients

Water, Corn Syrup Solids, Sodium and Calcium Caseinates, Corn Oil, Corn Maltodextrin, Sugar, Potassium Citrate, Magnesium Chloride, Natural and Artificial Flavors, Calcium Phosphate, Soy Lecithin, Sodium Citrate, Ascorbic Acid, Choline Chloride, Zinc Sulfate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamin Chloride Hydrochloride, Pyridoxine Hydrochloride, Vitamin A Palmitate, Riboflavin, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Vitamin D3 and Cyanocobalamin. (FAN 8804-02)

Contains Milk and Soy Ingredients

HCPCS Code B4152
www.AbbottNutrition.com

Jevity® 1 Cal

Complete, Balanced Nutrition®
With Fiber



Usage

JEVITY 1 CAL is a fiber-fortified tube-feeding formula.

- For tube feeding
- For supplemental or sole-source nutrition
- May be used for oral feeding of patients with altered taste perception
- Not for IV use

Features

- Complete, Balanced Nutrition® for long-term tube feeding

- 14.4 g of total dietary fiber in 1 liter. Fiber helps maintain normal bowel function and may be useful in the dietary management of diarrhea and constipation
- Meets or exceeds 100% of the RDIs for 24 essential vitamins and minerals in 1400 Cal (1321 mL)
- Provides protein to help support lean body mass and wound healing
- Kosher, Halal, gluten-free, suitable for lactose intolerance*

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 8-fl-oz cans; 24/case

Unflavored00143 70074-0401-43

Ready-To-Hang 1000-mL prefilled containers; 8/case

Unflavored62685 70074-0626-85

Ready-To-Hang 1500-mL prefilled containers; 6/case

Unflavored62687 70074-0626-87

* Not for people with galactosemia

JEVITY 1 CAL

Technical Data		Nutrition Information										
		8 fl oz			1000 mL			1500 mL				
Nutrient Density (Cal/mL)	1.06											
Protein (% Cal)	16.7	Calories	250	1060	1590	Chloride, mg	310	1310	1970			
Carbohydrate (% Cal)	54.3	Protein, g	10.4	44.3	66.4	Chloride, mEq	8.8	37.0	55.6			
Fat (% Cal)	29.0	Total Carbohydrate, g	36.5	154.7	231.9	Calcium, mg	215	910	1370			
MCT:LCT	19:81	Dietary Fiber, g	3.4	14.4	21.6	Phosphorus, mg	180	760	1140			
n6:n3	6.3:1	Total Fat, g	8.2	34.7	52.1	Magnesium, mg	72	305	460			
Cal to meet 100% RDIs	1400	Water, g/mL/cc	197	835	1244	Iodine, mcg	28	115	175			
mL to meet 100% RDIs	1321	Vitamin A, IU	895	3790	5690	Manganese, mg	0.90	3.8	5.7			
Kosher, Halal	Yes	Vitamin D, IU	72	305	460	Copper, mg	0.37	1.6	2.4			
Gluten-Free	Yes	Vitamin E, IU	8.3	35	53	Zinc, mg	4.3	18	27			
Suitable for Lactose Intolerance*	Yes	Vitamin K, mcg	15	61	92	Iron, mg	3.3	14	21			
Low-Residue	No	Vitamin C, mg	55	230	345	Selenium, mcg	13	54	81			
Total Cal/g Nitrogen	150:1	Folic Acid, mcg	110	455	690	Chromium, mcg	22	91	140			
Nonprotein Cal/g Nitrogen	125:1	Thiamin (Vit B ₁), mg	0.41	1.7	2.6	Molybdenum, mcg	28	115	175			
Osmolality, mOsm/kg H ₂ O	300	Riboflavin (Vit B ₂), mg	0.48	2.0	3.0	L-Carnitine, mg	28	115	175			
Renal Solute Load, mOsm/L	370	Vitamin B ₆ , mg	0.55	2.3	3.5	Taurine, mg	28	115	175			
Viscosity		Vitamin B ₁₂ , mcg	1.7	6.9	11							
Nectar-like (Room Temperature)		Niacin, mg	5.5	23	35							
Nectar-like (Chilled)		Choline, mg	110	455	685							
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Biotin, mcg	82	345	520							
		Pantothenic Acid, mg	2.9	12	18							
		Sodium, mg	220	930	1400							
		Sodium, mEq	9.6	40.4	60.9							
		Potassium, mg	375	1570	2360							
		Potassium, mEq	9.6	40.2	60.5							

JEVITY 1 CAL

Ingredients

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium and Calcium Caseinates, Soy Fiber, Soy Protein Isolate, Canola Oil, Corn Oil, Medium-chain Triglycerides, Calcium Phosphate, Potassium Citrate, Magnesium Chloride, Soy Lecithin, Sodium Citrate, Ascorbic Acid, Choline Chloride, Magnesium Phosphate, Potassium Chloride, Carrageenan, Taurine, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.
(FAN 9075-08)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com

Jevity® 1.2 Cal

Complete, Balanced Nutrition®
With Fiber and NutraFlora® scFOS®



Usage

JEVITY 1.2 CAL is a high-protein, fiber-fortified formula that provides Complete, Balanced Nutrition® for long- or short-term tube feeding.

- For tube feeding
- For supplemental or sole-source nutrition
- May be used for oral feeding of patients with altered taste perception
- Not for IV use

Features

- Concentrated calories (1.2 Cal/mL) and high in protein (18.5% of Cal) to help tube-fed patients gain and maintain healthy weight. Protein is needed for lean body tissue maintenance and repair

- Meets or exceeds 100% of the RDIs for 24 essential vitamins and minerals in 1200 Cal (1 liter)
- 18 g of dietary fiber in 1 liter (10 g of a unique soluble and insoluble fiber blend and 8 g of NutraFlora® scFOS®) supplies the minimum recommended daily fiber intake. Fiber helps maintain bowel function (See page 129 for more about scFOS.)
- Includes 1.9 g of scFOS/8 fl oz (8 g/L and 12 g/1500 mL). scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon
- Kosher, Halal, gluten-free, suitable for lactose intolerance*

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz cans; 24/case		
Unflavored	53118	70074-0531-19
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62683	70074-0626-83
— Ready-To-Hang 1500-mL prefilled containers; 6/case		
Unflavored	62667	70074-0626-67

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

JEVITY 1.2 CAL

Technical Data		Nutrition Information							
		8 fl oz	1000 mL	1500 mL		8 fl oz	1000 mL	1500 mL	
Nutrient Density (Cal/mL)	1.2	Calories	285	1200	1800	Potassium, mg	440	1850	2780
Protein (% Cal)	18.5	Protein, g	13.2	55.5	83.3	Potassium, mEq	11.3	47.4	71.3
Carbohydrate (% Cal)	52.5	Total Carbohydrate, g	40.2	169.4	254.0	Chloride, mg	360	1500	2250
Fat (% Cal)	29.0	Dietary Fiber, g	4.3	18.0	27.0	Chloride, mEq	10.2	42.4	63.6
MCT:LCT	19:81	scFOS, g	1.9	8.0	12.0	Calcium, mg	285	1200	1800
n6:n3	6.3:1	Total Fat, g	9.3	39.3	59.0	Phosphorus, mg	285	1200	1800
Cal to meet 100% RDIs	1200	Water, g/mL/cc	191	807	1211	Magnesium, mg	96	400	600
mL to meet 100% RDIs	1000	Vitamin A, IU	1190	5000	7500	Iodine, mcg	36	150	225
Kosher, Halal	Yes	Beta-Carotene, mg	0.60	2.5	3.8	Manganese, mg	1.2	5.0	7.5
Gluten-Free	Yes	Vitamin D, IU	96	400	600	Copper, mg	0.48	2.0	3.0
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	11	45	68	Zinc, mg	5.5	23	34
Low-Residue	No	Vitamin K, mcg	20	80	120	Iron, mg	4.3	18	27
Total Cal/g Nitrogen	135:1	Vitamin C, mg	72	300	450	Selenium, mcg	17	70	105
Nonprotein Cal/g Nitrogen	110:1	Folic Acid, mcg	145	600	900	Chromium, mcg	29	120	180
Osmolality, mOsm/kg H ₂ O	450	Thiamin (Vit B ₁), mg	0.55	2.3	3.5	Molybdenum, mcg	36	150	225
Renal Solute Load, mOsm/L	465	Riboflavin (Vit B ₂), mg	0.62	2.6	3.9	L-Carnitine, mg	36	150	225
Viscosity		Vitamin B ₆ , mg	0.72	3.0	4.5	Taurine, mg	36	150	225
Nectar-like (Room Temperature)		Vitamin B ₁₂ , mcg	2.2	9.0	14				
Nectar-like (Chilled)		Niacin, mg	7.2	30	45				
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Choline, mg	145	600	900				
		Biotin, mcg	110	450	675				
		Pantothenic Acid, mg	3.6	15	23				
		Sodium, mg	325	1350	2030				
		Sodium, mEq	14.1	58.7	88.3				

JEVITY 1.2 CAL

Ingredients

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium and Calcium Caseinates, Soy Protein Isolate, Canola Oil, Corn Oil, Fructooligosaccharides, Medium-chain Triglycerides, Soy Fiber, Oat Fiber, Calcium Phosphate, Magnesium Phosphate, Potassium Citrate, Gum Arabic, Soy Lecithin, Potassium Chloride, Carboxymethylcellulose, Sodium Chloride, Ascorbic Acid, Choline Chloride, Sodium Citrate, L-Carnitine, Taurine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Beta-Carotene, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.
(FAN 9075-04)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com

Jevity® 1.5 Cal

Complete, Balanced Nutrition®
With Fiber and NutraFlora® scFOS®



Usage

JEVITY 1.5 CAL is a calorically dense formula with a unique fiber blend that provides Complete, Balanced Nutrition®.

- For tube feeding
- For supplemental or sole-source nutrition
- May be used for oral feeding of patients with altered taste perception
- Not for IV use

Features

- Concentrated calories (1.5 Cal/mL) to help tube-fed patients gain and maintain healthy weight

- 22 g of dietary fiber in 1 liter (12 g of a unique soluble and insoluble fiber blend and 10 g of short-chain fructooligosaccharides [scFOS]), which helps meet daily fiber needs. Fiber helps moderate bowel function
- Includes 15 g NutraFlora scFOS/1500 mL. scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon (See page 129 for more about scFOS.)
- Meets or exceeds 100% of the RDIs for 24 essential vitamins and minerals in 1500 Cal (1 liter)
- Kosher, Halal, gluten-free, suitable for lactose intolerance*

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz cans; 24/case		
Unflavored	57333	70074-0573-34
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62681	70074-0626-81
— Ready-To-Hang 1500-mL prefilled containers; 6/case		
Unflavored	62689	70074-0626-89

* Not for people with galactosemia
NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

JEVITY 1.5 CAL

Technical Data		Nutrition Information							
		8 fl oz	1000 mL	1500 mL					
Nutrient Density (Cal/mL)	1.5								
Protein (% Cal)	17.0	Calories	355	1500	2250	Chloride, mg	320	1360	2040
Carbohydrate (% Cal)	53.6	Protein, g	15.1	63.8	95.7	Chloride, mEq	9.0	38.4	57.6
Fat (% Cal)	29.4	Total Carbohydrate, g	51.1	215.7	323.6	Calcium, mg	285	1200	1800
MCT:LCT	19:81	Dietary Fiber, g	5.3	22.0	33.0	Phosphorus, mg	285	1200	1800
n6:n3	6.3:1	scFOS, g	2.4	10	15	Magnesium, mg	95	400	600
Cal to meet 100% RDIs	1500	Total Fat, g	11.8	49.8	74.7	Iodine, mcg	36	150	225
mL to meet 100% RDIs	1000	Water, g/mL/cc	180	760	1140	Manganese, mg	1.2	5.0	7.5
Kosher, Halal	Yes	Vitamin A, IU	1185	5000	7500	Copper, mg	0.48	2.0	3.0
Gluten-Free	Yes	Vitamin D, IU	95	400	600	Zinc, mg	5.4	23	34
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	11	45	68	Iron, mg	4.3	18	27
Low-Residue	No	Vitamin K, mcg	19	80	120	Selenium, mcg	17	70	105
Total Cal/g Nitrogen	147:1	Vitamin C, mg	72	300	450	Chromium, mcg	29	120	180
Nonprotein Cal/g Nitrogen	122:1	Folic Acid, mcg	145	600	900	Molybdenum, mcg	36	150	225
Osmolality, mOsm/kg H ₂ O	525	Thiamin (Vit B ₁), mg	0.54	2.3	3.4	L-Carnitine, mg	36	150	225
Renal Solute Load, mOsm/L	518	Riboflavin (Vit B ₂), mg	0.61	2.6	3.9	Taurine, mg	36	150	225
Viscosity		Vitamin B ₆ , mg	0.72	3.0	4.5				
Nectar-like (Room Temperature)		Vitamin B ₁₂ , mcg	2.2	9.0	14				
Nectar-like (Chilled)		Niacin, mg	7.2	30	45				
Minimum Tube Size for Gravity/Pump Feeding, Fr	12/10	Choline, mg	145	600	900				
		Biotin, mcg	110	450	675				
		Pantothenic Acid, mg	3.6	15	23				
		Sodium, mg	330	1400	2100				
		Sodium, mEq	14.3	60.9	91.3				
		Potassium, mg	510	2150	3225				
		Potassium, mEq	13.1	55.1	82.7				

JEVITY 1.5 CAL Ingredients

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium and Calcium Caseinates, Canola Oil, Corn Oil, Soy Protein Isolate, Fructooligosaccharides, Medium-chain Triglycerides, Oat Fiber, Soy Fiber, Potassium Citrate, Calcium Phosphate, Gum Arabic, Sodium Citrate, Magnesium Phosphate, Soy Lecithin, Magnesium Chloride, Carboxymethylcellulose, Ascorbic Acid, Choline Chloride, Potassium Chloride, Taurine, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.

(FAN 9075-03)

Contains milk and soy ingredients.

HCPCS Code B4152
www.AbbottNutrition.com

Juven®

Therapeutic Nutrition Drink Mix
With a Unique Blend of
Revigor® (a source of HMB),
Arginine, and Glutamine



Usage

JUVEN is a targeted therapeutic nutrition drink mix that has been clinically shown to support tissue building in 2 weeks,¹ and to help build and maintain lean body mass (LBM) in 4 weeks.²

Two packets per day are recommended to:

- Increase LBM in 4 weeks in patients with illness-related weight loss²
- Support tissue building¹⁻³
- Significantly increase collagen formation in 2 weeks¹

Administer orally or as a modular via feeding tube

- Use as part of a complete, balanced diet
- Not for parenteral use

Features

- Revigor® (CaHMB: calcium β -hydroxy- β -methylbutyrate) – a metabolite of leucine that regulates protein metabolism in muscle cells⁴
- Arginine – a conditionally essential amino acid⁵ that is a precursor of nitric oxide, which supports blood flow⁶
- Glutamine – a conditionally essential amino acid⁵ that stimulates fibroblastic collagen production^{7,8} and supports nitrogen metabolism^{5,9}
- Mixes easily into water or juice
- Kosher, Halal

Availability (See page 166 for retail list numbers.)

Flavor	List No.	NDC Format Code
– 0.85-oz (24-g) packets; 30 packets/carton; 6 cartons/case		
Orange	57935	59781-0225-50
Fruit Punch	56431	59781-0564-30
Unflavored (19.3 g)	54000	59781-0540-02
– 1 carton/case		
Orange	58012	59781-0580-12
Fruit Punch	56433	59781-0564-33
Unflavored (19.3 g)	56094	59781-0560-94

Technical Data		Nutrition Information			
		Orange Packet	Fruit Punch Packet	Unflavored Packet	
Orange/Fruit Punch					
(At standard dilution: 1 packet [24 g] mixed with 8 fl oz of water)					
Cal/serving	80	Calories [†]	80	Calories [‡]	70
Amino acids (% Cal)	71/75	Total Carbohydrate, g	7.9	Total Carbohydrate, g	4
Carbohydrate (% Cal)	29/25	Sugars, g	1	Sugars, g	0
Fat (% Cal)	0/0	Amino Acids	Amino Acids	Amino Acids	
Kosher, Halal	Yes/Yes	L-Arginine, g	7	L-Arginine, g	7
Gluten-Free	Yes/Yes	L-Glutamine, g	7	L-Glutamine, g	7
Lactose-Free	Yes/Yes	Calcium, mg	200	Calcium, mg	200
Low-Residue	Yes/Yes	1.5 g of calcium beta-hydroxy-beta-methylbutyrate	1.5 g of calcium beta-hydroxy-beta-methylbutyrate	1.5 g of calcium beta-hydroxy-beta-methylbutyrate	
Osmolality (mOsm/kg H ₂ O)	451/451				
Viscosity					
Thin (Room Temperature)					
Thin (Chilled)					
Unflavored					
(At standard dilution: 1 packet [19.3 g] mixed with 8 fl oz of water)					
Cal/serving	70				
Amino Acids (% Cal)	85				
Carbohydrate (% Cal)	15				
Fat (% Cal)	0				
Kosher, Halal	Yes				
Gluten-Free	Yes				
Lactose-Free	Yes				
Low-Residue	Yes				
Osmolality (mOsm/kg H ₂ O)	405				
Viscosity					
Thin (Room Temperature)					
Thin (Chilled)					

[†] Carbohydrates and HMB contribute 23 Cal; amino acids contribute 56 Cal.

[†] Carbohydrates and HMB contribute 22 Cal; amino acids contribute 56 Cal.

[‡] Carbohydrates and HMB contribute 10 Cal; amino acids contribute 56 Cal.

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JUVEN

Ingredients

(Orange): L-Glutamine, L-Arginine, Citric Acid, Calcium Beta-Hydroxy-Beta-Methylbutyrate, Orange Juice Powder, Sugar, Natural Flavors, Aspartame, Acesulfame K, and FD&C Yellow #6. (FAN 9090)

Phenylketonurics: Contains phenylalanine.

(Fruit Punch): L-Glutamine, L-Arginine, Citric Acid, Sugar, Calcium Beta-Hydroxy-Beta-Methylbutyrate, Natural and Artificial Flavors, Colored with Beet Juice and Beta-Carotene, Acesulfame Potassium and Sucralose. (FAN 9090)

Contains no fruit juice.

(Unflavored): L-Glutamine, L-Arginine, Citric Acid, and Calcium Beta-Hydroxy-Beta-Methylbutyrate (FAN 9090)

HCPCS Code B4155
www.AbbottNutrition.com
www.Juven.com

Nepro[®] with Carb Steady[®]

Therapeutic Nutrition for People
on Dialysis

NutraFlora
ALSO PROTECTS COLONIAL FLORA




Usage

NEPRO with Carb Steady is therapeutic nutrition specifically designed to help meet the nutritional needs of people on dialysis (stage 5 chronic kidney disease).


- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for IV use

Features

- In a study of NEPRO as supplemental nutrition, patients on dialysis had[†]:
 - Increased serum albumin
 - Increased serum prealbumin
 - Improved nutritional status (as signified by SGA)

- Has Carb Steady[®] carbohydrate blend designed to help manage blood glucose response
- Excellent source of high-quality protein (19.1 g/8 fl oz) to help meet nutritional needs and replace protein lost during dialysis
- Vitamin and mineral profile designed for people on dialysis
- High in calories—1.8 Cal/mL
- Low in phosphorus, potassium, and sodium
- Good source of fiber, including prebiotics
- Kosher, Halal  (certain flavors), gluten-free, suitable for lactose intolerance,* low-residue

Availability (See page 166 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 8-fl-oz reclosable bottles		
Homemade Vanilla [†]	53633	70074-0536-34
— 8-fl-oz cans; 24/case		
Homemade Vanilla	62094	70074-0620-95
Butter Pecan 	62090	70074-0620-91
Mixed Berry	62092	70074-0620-93
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Vanilla	62669	70074-0626-69

* Not for people with galactosemia

[†] Homemade Vanilla bottles only available at retail locations.

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

NEPRO with Carb Steady

Technical Data		Nutrition Information (Homemade Vanilla)					
		8 fl oz (237 mL)	1000 mL	8 fl oz (237 mL)	1000 mL		
(Homemade Vanilla)							
Nutrient Density (Cal/mL)	1.8	Calories	425	1800	Choline, mg	150	635
Protein (% Cal)	18	Protein, g	19.1	81.0	Biotin, mcg	120	506
Carbohydrate (% Cal)	34	Total Carbohydrate, g	37.9	161	Pantothenic Acid, mg	3.8	16
Fat (% Cal)	48	Dietary Fiber, g	3	12.6	Sodium, mg	250	1060
n6:n3	5.2:1	scFOS®, g	2	8.4	Sodium, mEq	10.9	46.1
Cal to meet 100% RDIs	1700	Sugars, g	8.4	36	Potassium, mg	250	1060
mL to meet 100% RDIs	944	Glycerine, g	2.6	11	Potassium, mEq	6.4	27.2
Kosher	Yes	Total Fat, g	22.7	96.0	Chloride, mg	200	845
Halal (certain flavors)	Yes	Saturated Fat, g	2.0	8.4	Chloride, mEq	5.6	23.9
Gluten-Free	Yes	Trans Fat, g	0	0	Calcium, mg	250	1060
Suitable for Lactose Intolerance*	Yes	Polyunsaturated Fat, g	4.1	17.3	Phosphorus, mg	170	720
Low-Residue	Yes	Monounsaturated Fat, g	16	67.5	Magnesium, mg	50	210
Total Cal/g Nitrogen	139:1	Cholesterol, mg	6.5	27.4	Iodine, mcg	38	160
Nonprotein Cal/g Nitrogen	121:1	Water, g/mL/cc	172	727	Manganese, mg	0.50	2.1
Osmolality, mOsm/kg H ₂ O	745	Vitamin A, IU	750	3180	Copper, mg	0.50	2.1
Renal Solute Load, mOsm/L	559	Vitamin D, IU	20	85	Zinc, mg	6.4	27
Viscosity		Vitamin E, IU	23	95	Iron, mg	4.5	19
Nectar-like (Room Temperature)		Vitamin K, mcg	20	85	Selenium, mcg	18	74
Nectar-like (Chilled)		Vitamin C, mg	25	105	Chromium, mcg	30	125
Minimum Tube Size for Pump Feeding, Fr	8	Folic Acid, mcg	250	1060	Molybdenum, mcg	19	79
(Gravity feeding is not recommended.)		Thiamin (Vit B ₁), mg	0.56	2.4	L-Carnitine, mg	63	265
		Riboflavin (Vit B ₂), mg	0.64	2.7	Taurine, mg	38	160
		Vitamin B ₆ , mg	2.0	8.5			
		Vitamin B ₁₂ , mcg	2.3	9.5			
		Niacin, mg	7.5	32			

1. Caglar K, et al. *Kidney Int.* 2002;62(3):1054-1059.

NEPRO with Carb Steady Ingredients

(Homemade Vanilla): Water, Corn Syrup Solids, Caseinates (Calcium, Magnesium and Sodium), High Oleic Safflower Oil, Canola Oil, Milk Protein Isolate, Sugar, Corn Maltodextrin, Glycerine, Short-chain Fructooligosaccharides; **Less than 1.0% of:** Soy Lecithin, Natural and Artificial Flavor, Calcium Citrate, Sodium Citrate, Potassium Citrate, Choline Chloride, Salt, Ascorbic Acid, L-Carnitine, Taurine, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Nicotinamide, Calcium Pantothenate, Pyridoxine Hydrochloride, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Magnesium Phosphate, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin and Vitamin D₃. (FAN 8956-04)

Contains milk and soy ingredients.

HCPCS Code B4154

www.AbbottNutrition.com

Use under medical supervision.

Osmolite® 1 Cal

Complete, Balanced Nutrition®
and Low Residue



Usage

OSMOLITE 1 CAL is a tube-feeding formula for patients with caloric requirements of less than 2000 Cal per day or for patients with increased protein requirements.

- For tube feeding
- For supplemental or sole-source nutrition
- May be used for oral feeding of patients with altered taste perception
- Not for IV use

Features

- Source of Complete, Balanced Nutrition® for long-term tube feeding

- Provides protein to help support lean body mass and wound healing
- Meets or exceeds 100% of the RDI for 24 essential vitamins and minerals in 1400 Cal (1321 mL)
- Fat blend contains canola, MCT, corn oils, and soy lecithin. Patients who absorb lipids improperly may benefit from consuming a formula that contains medium-chain triglycerides (MCTs) as part of the fat source
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* without fiber

Availability

Flavor _____ List No. _____ NDC Format Code _____

— 8-fl-oz cans; 24/case

Unflavored 00735 70074-0407-35

— Ready-To-Hang 1000-mL prefilled containers; 8/case

Unflavored 62691 70074-0626-91

— Ready-To-Hang 1500-mL prefilled containers; 6/case

Unflavored 62695 70074-0626-95

* Not for people with galactosemia

OSMOLITE 1 CAL

Technical Data		Nutrition Information								
		8 fl oz	1000 mL	1500 mL				8 fl oz	1000 mL	1500 mL
Nutrient Density (Cal/mL)	1.06									
Protein (% Cal)	16.7	Calories	250	1060	1590	Calcium, mg	180	760	1140	
Carbohydrate (% Cal)	54.3	Protein, g	10.5	44.3	66.4	Phosphorus, mg	180	760	1140	
Fat (% Cal)	29.0	Total Carbohydrate, g	33.9	143.9	215.7	Magnesium, mg	72	305	455	
MCT:LCT	20:80	Total Fat, g	8.2	34.7	52.1	Iodine, mcg	27	115	175	
n6:n3	6.3:1	Water, g/mL/cc	199	842	1260	Manganese, mg	0.90	3.8	5.7	
Cal to meet 100% RDIs	1400	Vitamin A, IU	895	3790	5690	Copper, mg	0.36	1.6	2.3	
mL to meet 100% RDIs	1321	Vitamin D, IU	72	305	455	Zinc, mg	4.1	18	26	
Kosher, Halal	Yes	Vitamin E, IU	8.1	35	52	Iron, mg	3.3	14	21	
Gluten-Free	Yes	Vitamin K, mcg	15	61	91	Selenium, mcg	13	54	80	
Suitable for Lactose Intolerance*	Yes	Vitamin C, mg	54	230	345	Chromium, mcg	22	91	140	
Low-Residue	Yes	Folic Acid, mcg	110	455	685	Molybdenum, mcg	27	115	175	
Total Cal/g Nitrogen	150:1	Thiamin (Vit B ₁), mg	0.41	1.8	2.6	L-Carnitine, mg	27	115	175	
Nonprotein Cal/g Nitrogen	125:1	Riboflavin (Vit B ₂), mg	0.46	2.0	2.9	Taurine, mg	27	115	175	
Osmolality, mOsm/kg H ₂ O	300	Vitamin B ₆ , mg	0.54	2.3	3.5					
Renal Solute Load, mOsm/L	374	Vitamin B ₁₂ , mcg	1.7	6.9	11					
Viscosity		Niacin, mg	5.4	23	35					
Thin (Room Temperature)		Choline, mg	110	455	685					
Thin (Chilled)		Biotin, mcg	81	345	515					
Minimum Tube Size for Gravity/Pump Feeding, Fr	8/5	Pantothenic Acid, mg	2.7	12	18					
		Sodium, mg	220	930	1395					
		Sodium, mEq	9.6	40.4	60.6					
		Potassium, mg	370	1570	2355					
		Potassium, mEq	9.5	40.2	60.4					
		Chloride, mg	340	1440	2160					
		Chloride, mEq	9.6	40.7	61.0					

OSMOLITE 1 CAL Ingredients

Water, Corn Maltodextrin, Corn Syrup Solids, Sodium and Calcium Caseinates, Soy Protein Isolate, Canola Oil, Corn Oil, Medium-chain Triglycerides, Calcium Phosphate, Soy Lecithin, Potassium Citrate, Potassium Chloride, Sodium Citrate, Magnesium Phosphate, Magnesium Chloride, Ascorbic Acid, Choline Chloride, Calcium Carbonate, Carrageenan, Taurine, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 9075)

Contains milk and soy ingredients.

Note: Minor ingredient differences exist in Ready-To-Hang. For details, consult the product label.

HCPCS Code B4150
www.AbbottNutrition.com

Osmolite® 1.2 Cal

Complete, Balanced Nutrition®
and Low Residue



Usage

OSMOLITE 1.2 CAL is a source of Complete, Balanced Nutrition® and a high-protein, low-residue formula for tube-fed patients who may benefit from increased protein and calories.

- For tube feeding
- For supplemental or sole-source nutrition
- May be used for oral feeding of patients with altered taste perception
- Not for IV use

Features

- Concentrated calories (1.2 Cal/mL) and high in protein (18.5% of Cal) to help patients gain and maintain healthy weight. Protein is needed for lean body tissue maintenance and repair
- Meets or exceeds 100% of the RDI for 24 essential vitamins and minerals in 1200 Cal (1 liter)
- Fat blend contains high-oleic safflower, canola, MCT oils, and lecithin. Patients who absorb lipids improperly may benefit from consuming a formula that contains medium-chain triglycerides (MCTs) as part of the fat source
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* without fiber

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Unflavored	53120	70074-0531-21
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62697	70074-0626-97
— Ready-To-Hang 1500-mL prefilled containers; 6/case		
Unflavored	62693	70074-0626-93

* Not for people with galactosemia

OSMOLITE 1.2 CAL

Technical Data		Nutrition Information							
		8 fl oz	1000 mL	1500 mL					
		8 fl oz	1000 mL	1500 mL					
Nutrient Density (Cal/mL)	1.2								
Protein (% Cal)	18.5	Calories	285	1200	1800	Chloride, mg	370	1540	2310
Carbohydrate (% Cal)	52.5	Protein, g	13.2	55.5	83.3	Chloride, mEq	10.4	43.5	65.2
Fat (% Cal)	29.0	Total Carbohydrate, g	37.5	157.5	236.1	Calcium, mg	285	1200	1800
MCT:LCT	20:80	Total Fat, g	9.3	39.3	59.0	Phosphorus, mg	285	1200	1800
n6:n3	4.2:1	Water, g/mL/cc	195	820	1230	Magnesium, mg	96	400	600
Cal to meet 100% RDIs	1200	Vitamin A, IU	1190	5000	7500	Iodine, mcg	36	150	225
mL to meet 100% RDIs	1000	Beta-Carotene, mg	0.59	2.5	3.7	Manganese, mg	1.2	5.0	7.5
Kosher, Halal	Yes	Vitamin D, IU	96	400	600	Copper, mg	0.48	2.0	3.0
Gluten-Free	Yes	Vitamin E, IU	11	45	68	Zinc, mg	5.4	23	34
Suitable for Lactose Intolerance*	Yes	Vitamin K, mcg	20	80	120	Iron, mg	4.3	18	27
Low-Residue	Yes	Vitamin C, mg	72	300	450	Selenium, mcg	17	70	105
Total Cal/g Nitrogen	135:1	Folic Acid, mcg	145	600	900	Chromium, mcg	29	120	180
Nonprotein Cal/g Nitrogen	110:1	Thiamin (Vit B ₁), mg	0.54	2.3	3.4	Molybdenum, mcg	36	150	225
Osmolality, mOsm/kg H ₂ O	360	Riboflavin (Vit B ₂), mg	0.61	2.6	3.9	L-Carnitine, mg	36	150	230
Renal Solute Load, mOsm/L	465	Vitamin B ₆ , mg	0.72	3.0	4.5	Taurine, mg	36	150	230
Viscosity		Vitamin B ₁₂ , mcg	2.2	9.0	14				
Nectar-like (Room Temperature)		Niacin, mg	7.2	30	45				
Nectar-like (Chilled)		Choline, mg	145	600	900				
Minimum Tube Size for Gravity/Pump Feeding, Fr	8/5	Biotin, mcg	110	450	675				
		Pantothenic Acid, mg	3.6	15	23				
		Sodium, mg	320	1340	2010				
		Sodium, mEq	13.9	58.3	87.4				
		Potassium, mg	430	1810	2710				
		Potassium, mEq	11.0	46.4	69.5				

OSMOLITE 1.2 CAL Ingredients

Water, Corn Maltodextrin, Sodium Caseinate, High Oleic Safflower Oil, Calcium Caseinate, Canola Oil, Medium-chain Triglycerides, Calcium Phosphate, Sodium Citrate, Magnesium Phosphate, Soy Lecithin, Potassium Citrate, Potassium Chloride, Magnesium Chloride, Cellulose Gel, Ascorbic Acid, Choline Chloride, Potassium Phosphate, Taurine, L-Carnitine, Cellulose Gum, Zinc Sulfate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Beta-Carotene, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃ (FAN 9075)

Contains milk and soy ingredients.

HCPCS Code B4150
www.AbbottNutrition.com

Osmolite® 1.5 Cal

Complete, Balanced Nutrition®
and Low Residue



Usage

OSMOLITE 1.5 CAL is a source of Complete, Balanced Nutrition® and a low-residue formula for tube-fed patients with increased calorie and protein needs, or for those with limited volume tolerance.

- For tube feeding
- For sole-source nutrition via a feeding tube
- Not for IV use

Features

- High in calories (1.5 Cal/mL) and protein (62.7 g/L) to help patients gain and maintain healthy weight
- Meets or exceeds 100% of the RDI for 24 essential vitamins and minerals in 1500 Cal (1 liter)
- Fat blend includes MCT oil. Patients with fat malabsorption may benefit from consuming a formula that contains medium-chain triglycerides (MCTs)
- Fortified with ultratrace minerals and conditionally essential nutrients—important ingredients for the tube-fed patient
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* without fiber

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Unflavored	57469	70074-0574-70
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62699	70074-0626-99

* Not for people with galactosemia

OSMOLITE 1.5 CAL

Technical Data		Nutrition Information							
		8 fl oz		1000 mL		8 fl oz		1000 mL	
Nutrient Density (Cal/mL)	1.5	Calories	355	1500	Chloride, mg	405	1700		
Protein (% Cal)	16.7	Protein, g	14.9	62.7	Chloride, mEq	11.4	48.0		
Carbohydrate (% Cal)	54.3	Total Carbohydrate, g	48.2	203.6	Calcium, mg	240	1000		
Fat (% Cal)	29.0	Total Fat, g	11.6	49.1	Phosphorus, mg	240	1000		
MCT:LCT	20:80	Water, g/mL/cc	181	762	Magnesium, mg	95	400		
n6:n3	4.5:1	Vitamin A, IU	1975	8320	Iodine, mcg	36	150		
Cal to meet 100% RDIs	1500	Beta-Carotene, mg	0.81	2.5	Manganese, mg	1.2	5.0		
mL to meet 100% RDIs	1000	Vitamin D, IU	95	400	Copper, mg	0.48	2.0		
Kosher, Halal	Yes	Vitamin E, IU	11	45	Zinc, mg	5.5	23		
Gluten-Free	Yes	Vitamin K, mcg	19	80	Iron, mg	4.3	18		
Suitable for Lactose Intolerance*	Yes	Vitamin C, mg	57	240	Selenium, mcg	17	70		
Low-Residue	Yes	Folic Acid, mcg	190	800	Chromium, mcg	29	120		
Total Cal/g Nitrogen	150:1	Thiamin (Vit B ₁), mg	0.71	3.0	Molybdenum, mcg	36	150		
Nonprotein Cal/g Nitrogen	125:1	Riboflavin (Vit B ₂), mg	0.81	3.4	L-Carnitine, mg	36	150		
Osmolality, mOsm/kg H ₂ O	525	Vitamin B ₆ , mg	0.95	4.0	Taurine, mg	36	150		
Renal Solute Load, mOsm/L	512	Vitamin B ₁₂ , mcg	2.9	12					
Viscosity		Niacin, mg	9.5	40					
Nectar-like (Room Temperature)		Choline, mg	145	600					
Nectar-like (Chilled)		Biotin, mcg	145	600					
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Pantothenic Acid, mg	4.8	20					
		Sodium, mg	330	1400					
		Sodium, mEq	14.3	60.9					
		Potassium, mg	424	1800					
		Potassium, mEq	10.9	46					

OSMOLITE 1.5 CAL Ingredients

Water, Corn Maltodextrin, Sodium and Calcium Caseinates, High Oleic Safflower Oil, Canola Oil, Soy Protein Isolate, Medium-chain Triglycerides, Magnesium Chloride, Potassium Citrate, Calcium Phosphate, Sodium Citrate, Soy Lecithin, Choline Chloride, Ascorbic Acid, Taurine, L-Carnitine, Carrageenan, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 9075)

Contains milk and soy ingredients.

HCPCS Code B4152
www.AbbottNutrition.com

Oxepa[®]

Therapeutic Nutrition for Modulating Inflammation in Sepsis, ALI, ARDS



Usage

OXEPA is clinically shown to modulate the inflammatory response in critically ill, mechanically ventilated patients, especially those with SIRS (systemic inflammatory response syndrome, eg, sepsis, trauma, burns), ALI (acute lung injury), or ARDS (acute respiratory distress syndrome).¹⁻³

- For tube feeding
- For sole-source nutrition
- Not for IV use

Features

- Supported by 2009 Critical Care Nutrition Guideline E2⁴ (See page 152–161.)

– “Patients with ARDS and severe acute lung injury (ALI) should be placed on an enteral formulation characterized by an anti-inflammatory lipid profile (ie, omega-3 fish oils, borage oil) and antioxidants (Grade: A)”⁴

- Calorically dense (1.5 Cal/mL)—concentrated calories for fluid-restricted patients
- Unique oil blend—contains 4.6 g/L of EPA* and 4 g/L of GLA,† to help modulate inflammation⁵⁻⁷
- Elevated antioxidants vitamin C, vitamin E, and beta-carotene
- Meets or exceeds 100% of the RDI for 24 vitamins and minerals in 1420 Cal (946 mL)
- Halal, suitable for lactose intolerance,‡ gluten-free

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
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– 8-fl-oz cans, 24/case

Unflavored	54386	70074-0543-87
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– Ready-To-Hang 1000-mL prefilled containers; 8/case

Unflavored	62717	70074-0627-17
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* EPA = eicosapentaenoic acid (from marine oil)

† GLA = gamma-linolenic acid (from borage oil)

‡ Not for people with galactosemia

Technical Data		Nutrition Information					
		8 fl oz		1000 mL			
Nutrient Density (Cal/mL)	1.5						
Protein (% Cal)	16.7	Calories	355	1500	Chloride, mEq	11.3	47.7
Carbohydrate (% Cal)	28.1	Protein, g	14.8	62.7	Calcium, mg	250	1060
Fat (% Cal)	55.2	Total Carbohydrate, g	25.0	105.3	Phosphorus, mg	250	1060
MCT:LCT	25:75	Total Fat, g	22.2	93.8	Magnesium, mg	100	425
n6:n3	1.8:1	Water, g/mL/cc	186	785	Iodine, mcg	38	160
Cal to meet 100% RDIs	1420	Vitamin A, IU	2840	11,910	Manganese, mg	1.3	5.3
mL to meet 100% RDIs	946	Beta-Carotene, mg	1.2	5.0	Copper, mg	0.50	2.2
Kosher	No	Vitamin D, IU	100	425	Zinc, mg	5.7	24
Halal	Yes	Vitamin E, IU	75	320	Iron, mg	4.5	20
Gluten-Free	Yes	Vitamin K, mcg	20	85	Selenium, mcg	18	74
Suitable for Lactose Intolerance [†]	Yes	Vitamin C, mg	205	850	Chromium, mcg	30	130
Low-Residue	Yes	Folic Acid, mcg	200	850	Molybdenum, mcg	38	160
Total Cal/g Nitrogen	150:1	Thiamin (Vit B ₁), mg	0.75	3.2	L-Carnitine, mg	43	185
Nonprotein Cal/g Nitrogen	125:1	Riboflavin (Vit B ₂), mg	0.85	3.6	Taurine, mg	75	320
Osmolality, mOsm/kg H ₂ O	535	Vitamin B ₆ , mg	1.0	4.3			
Renal Solute Load, mOsm/L	512	Vitamin B ₁₂ , mcg	3.0	13	1. Gadek JE et al. <i>Crit Care Med</i> 1999;27(8):1409-1420.		
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Niacin, mg	10	43	2. Singer P et al. <i>Crit Care Med</i> 2006;34(4):1033-1038.		
		Choline, mg	150	635	3. Pontes-Arruda A et al. <i>Crit Care Med</i> 2006;34(9):2325-2333.		
		Biotin, mcg	150	635	4. McClave SA et al. <i>JPEN J Parenter Enteral Nutr</i> 2009;33(3):277-316.		
		Pantothenic Acid, mg	5.0	22	5. Murray MJ et al. <i>Am J Physiol</i> 1995;269(Heart Circ Physiol 38):H2090-H2099.		
		Sodium, mg	310	1310	6. Horrobin DF. <i>Rev Contemp Pharmacother</i> 1990;1:1-45.		
		Sodium, mEq	13.5	57.0	7. Pacht ER et al. <i>Crit Care Med</i> 2003;31(2):491-500.		
		Potassium, mg	465	1960			
		Potassium, mEq	11.9	50.3			
		Chloride, mg	400	1690			

OXEPA Ingredients

Water, Sodium and Calcium Caseinates, Sugar, Corn Maltodextrin, Canola Oil, Medium-chain Triglycerides, Marine Oil (May Contain One or More of the Following: Anchovy, Menhaden, Salmon, Sardine, Tuna), Borage Oil, Magnesium Chloride, Calcium Phosphate, Soy Lecithin, Potassium Citrate, Sodium Citrate, Ascorbic Acid, Potassium Phosphate, Natural and Artificial Flavor, Choline Chloride, Taurine, d-Alpha-Tocopheryl Acetate, L-Carnitine, Salt, Gellan Gum, Zinc Sulfate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Beta-Carotene, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 9075-03)

Contains milk and soy ingredients.

Pedialyte®

Oral Electrolyte Solution
Liter Bottles
Singles



Usage

To quickly replace vital minerals and nutrients lost during diarrhea and vomiting to help prevent dehydration in infants and children; for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea. PEDIALYTE is designed to promote fluid absorption more effectively than common household beverages. Use under medical supervision.

Precaution

- No mixing or diluting is necessary or recommended for liquid formulations

Features

- Ready to use
- Balanced electrolytes to replace losses and to provide maintenance requirements
- Provides glucose to promote sodium and water absorption

- Unflavored liquid available for young infants
- Great-tasting flavors to enhance compliance in older infants and children
- Low osmolality; 270 mOsm/kg water for flavored; 250 mOsm/kg water for unflavored
- Reclosable plastic liter bottles allow easy measuring and pouring
- 6.8-fl-oz single-serving size carton is easy for children to hold and drink
- Kosher, Halal [®] (certain flavors)

Availability (See pages 166–167 for retail list numbers.)

Flavor	List No.	NDC Format Code
– 2-fl-oz plastic bottle; 48/case		
Unflavored [®]	59892	70074-0598-93
– 1-Liter (33.8-fl-oz) plastic bottle; 8/case		
Unflavored [®]	00336	70074-0803-36
Grape [®]	00240	70074-0802-40
Fruit	00365	70074-0803-65
Bubble Gum [®]	51752	70074-0517-53
Strawberry [®]	53983	70074-0539-84
– 6.8-fl-oz carton; 16/case		
Apple [®]	56439	70074-0574-26

Ingredients

Unflavored Liquid: Water, Dextrose. **Less than 2% of the following:** Potassium Citrate, Sodium Chloride, Sodium Citrate, Citric Acid., and Zinc Gluconate (FAN 9378-01)

Fruit Flavor Liquid: Water, Dextrose. **Less than 2% of the following:** Citric Acid, Natural and Artificial Flavors, Potassium Citrate, Sodium Chloride, Sodium Citrate, Sucralose, Acesulfame Potassium, Zinc Gluconate, and FD&C Yellow #6. (FAN 9378-06)

Grape Flavor Liquid: Water, Dextrose. **Less than 2% of the following:** Citric Acid, Potassium Citrate, Sodium Chloride, Artificial Flavor, Sodium Citrate, Sucralose, Acesulfame Potassium, Zinc Gluconate, FD&C Red #40, and FD&C Blue #1 (FAN 9378-04)

Bubble Gum Flavor Liquid: Water, Dextrose. **Less than 2% of the following:** Citric Acid, Potassium Citrate, Sodium Chloride, Sodium Citrate, Artificial Flavor, Sucralose, Acesulfame Potassium, Zinc Gluconate, and FD&C Red #40. (FAN 9378-04)

Strawberry Flavor Liquid: Water, Dextrose. **Less Than 2% of the following:** Citric Acid, Potassium Citrate, Sodium Chloride, Sodium Citrate, Natural Flavor, Sucralose, Acesulfame Potassium, Zinc Gluconate, FD&C Red #40 and FD&C Blue #1. (FAN 8605-01)

Nutrition Information

	Unflavored		Flavored		Singles
	8 fl oz	1 L	8 fl oz	1 L	6.8 fl oz
Energy, Cal	24	100	24	100	21
Dextrose, g	5.9	25	5.9	25	5.3
Sodium, mEq	10.6	45	10.6	45	9.0
Potassium, mEq	4.7	20	4.7	20	4.0
Chloride, mEq	8.3	35	8.3	35	7.0
Zinc, mg	1.8	7.8	1.8	7.8	1.6

Administration Guide for Infants and Young Children

Approximate Weight ¹	Age	2	3	6	9	1	1½	2	2½	3	3½	4	
		Months				Years							
		Weeks											
lb	9	14	18	21	23	26	28	30	32	34	36		
	4.0	6.4	8.2	9.5	10.5	11.8	12.7	13.6	14.4	15.3	16.3		
kg	16	30	36	39	42	47	48	51	53	54	55		
	to	to	to	to	to	to	to	to	to	to	to		
fl oz/day	20	34	42	45	47	52	53	56	57	57	59		

Administration Guide does not apply to infants younger than 1 week of age. For children older than 4 years of age, maintenance intakes may exceed 2 liters daily. If there is also vomiting or fever, or if diarrhea continues beyond 24 hours, consult the child's physician.

- Weight based on the 50th percentile of weight for age for boys from the National Center for Health Statistics (NCHS) Centers for Disease Control and Prevention (CDC) growth charts. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al: CDC Growth Charts: United States. Data from Vital and Health Statistics of the Centers for Disease Control and Prevention/National Center for Health Statistics. *Advance Data*, no. 314, December 4, 2000.
- Fluid intake is total fluid requirement from oral electrolyte solution, formula, or other fluids, but does not take into account ongoing stool losses. Fluid loss in the stool should be replaced by consumption of an extra amount of PEDIALYTE equal to stool losses, in addition to the fluid maintenance requirement in this Administration Guide.

Ingredients, cont.

Apple Singles: Water, Dextrose; **Less than 2% of:** Citric Acid, Potassium Citrate, Sodium Chloride, Sodium Citrate, Sucralose, Acesulfame Potassium, Zinc Gluconate and Artificial Flavor. (FAN 8735-01)

Dosage

Refer to Administration Guide to restore fluid and minerals lost in diarrhea and vomiting. PEDIALYTE should be offered frequently in amounts tolerated. Total daily intake should be adjusted to meet individual needs, based on thirst and response to therapy. The suggested intakes for maintenance are based on water requirements for ordinary energy expenditure.*

* Extrapolated from Barness LA, Curran JS: Nutrition, in Nelson WE (sr ed), Behrman RE, Kliegman RM, Arvin AM (eds): *Nelson Textbook of Pediatrics*, ed 15. Philadelphia: WB Saunders Co, 1996, pp 141-143.

Pedialyte®

Oral Electrolyte Solution
Powder Packs
Freezer Pops



Usage

To quickly replace vital minerals and nutrients lost during diarrhea and vomiting to help prevent dehydration in infants and children; for maintenance of water and electrolytes following corrective parenteral therapy for diarrhea. PEDIALYTE is designed to promote fluid absorption more effectively than common household beverages. Use under medical supervision.

Features

- Balanced electrolytes to replace losses and to provide maintenance requirements
- Provides glucose to promote sodium and water absorption
- Great-tasting flavors to enhance compliance in older infants and children
- Low osmolality; 270 mOsm/kg water for flavored

- Pedialyte Powder Packs are easy to use and convenient to keep on hand
- Powder Packs are available in 4-count single flavors (Fruit Punch and Apple) or 8-count variety packs (2 each of Fruit Punch, Apple, Grape, and Strawberry)
- Freezer Pops (2.1 fl oz Pedialyte per sleeve) are available in multiple flavors to encourage compliance with fluid intake recommendations for children 1 year of age and older
- Kosher, Halal (M) (certain products)

Availability (See pages 166 for retail list numbers.)

Flavor	List No.	NDC Format Code
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— 0.3-oz Powder Packs; 40 packs/case

Apple (M)	56078	70074-0560-79
Fruit Punch (M)	56081	70074-0560-82

— 0.3-oz Powder Packs; 64 packs/case

Fruit Punch (M), Grape (M), Apple (M), Strawberry (M)	56090	70074-0560-91
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— 2.1-oz Sleeve Freezer Pops; 4 sixteen-sleeve boxes/case

Grape, Cherry, Orange, and Blue Raspberry	62605	70074-0002-46
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Powder Packs and Freezer Pops are not for use for children under 1 year of age.

PEDIALYTE

Ingredients

Powder Packs:

Fruit Punch Powder Packs: Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate; Less Than 2% of 4x: Artificial Flavor, Sucralose, Acesulfame Potassium and 5x Red 40. (FAN 9049-01)

Grape Powder Packs: Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate; Less Than 2% of 4x: Natural and 5x Artificial Flavor, Sucralose, Acesulfame Potassium, Red 40 and 5x Blue 1. (FAN 9049-01)

Apple Powder Packs: Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate; Less Than 2% of 4x: Artificial Flavor, Caramel Color, Sucralose and 5x Acesulfame Potassium. (FAN 9049-01)

Strawberry Powder Packs: Anhydrous Dextrose, Citric Acid, Malic Acid, Potassium Citrate, Salt, Sodium Citrate, Natural Flavor; Less Than 2% of 4x: Sucralose, Acesulfame Potassium, Red 40 and 5x Blue 1 (FAN 9049-01)

Dosage

Refer to Administration Guide to restore fluid and minerals lost in diarrhea and vomiting. PEDIALYTE should be offered frequently in amounts tolerated. Total daily intake should be adjusted to meet individual needs, based on thirst and response to therapy. The suggested intakes for maintenance are based on water requirements for ordinary energy expenditure.*

* Extrapolated from Barness LA, Curran JS: Nutrition, in Nelson WE (sr ed), Behrman RE, Kliegman RM, Arvin AM (eds): *Nelson Textbook of Pediatrics*, ed 15. Philadelphia: WB Saunders Co, 1996, pp 141-143.

Nutrition Information

	Powder Packs		Freezer Pops	
	8 fl oz		8 fl oz	1 L
Energy, Cal	23		24	100
Dextrose, g	5.7		5.9	25
Sodium, mEq	10.6		10.6	45
Potassium, mEq	4.7		4.7	20
Chloride, mEq	8.3		8.3	35

Administration Guide for Infants and Young Children

Approximate Weight ¹	Age	2	3	6	9	1	1½	2	2½	3	3½	4	
		Weeks		Months			Years						
		lb	kg	9	14	18	21	23	26	28	30	32	34
Pedialyte for Maintenance ²	fl oz/day	16	30	36	39	42	47	48	51	53	54	55	
		to	to	to	to	to	to	to	to	to	to	to	
		20	34	42	45	47	52	53	56	57	57	59	

Administration Guide does not apply to infants younger than 1 week of age. For children older than 4 years of age, maintenance intakes may exceed 2 liters daily. If there is also vomiting or fever, or if diarrhea continues beyond 24 hours, consult the child's physician.

- Weight based on the 50th percentile of weight for age for boys from the National Center for Health Statistics (NCHS) Centers for Disease Control and Prevention (CDC) growth charts. Kuczmarski RJ, Ogden CL, Grummer-Strawn LM, et al: CDC Growth Charts: United States. Data from Vital and Health Statistics of the Centers for Disease Control and Prevention/National Center for Health Statistics. *Advance Data*, no. 314, December 4, 2000.
- Fluid intake is total fluid requirement from oral electrolyte solution, formula, or other fluids, but does not take into account ongoing stool losses. Fluid loss in the stool should be replaced by consumption of an extra amount of PEDIALYTE equal to stool losses, in addition to the fluid maintenance requirement in this Administration Guide.

PEDIALYTE

Ingredients, cont.

Freezer Pops: (Pareve) Water, Dextrose; **Less than 2% of:** Citric Acid, Sodium Chloride, Sodium Carboxymethylcellulose, Potassium Citrate, Potassium Sorbate, Sodium Benzoate, Sucralose, and Acesulfame Potassium. (FAN 9082)

Grape also contains Natural and Artificial Grape Flavor, Red 40, and Blue 1.

Cherry also contains Natural and Artificial Cherry Flavor and Red 40.

Orange also contains Natural and Artificial Orange Flavor, Yellow 6, and Red 40.

Blue Raspberry also contains Natural and Artificial Blue Raspberry Flavor, and Blue 1.

HCPCS Code B4103
www.AbbottNutrition.com
www.Pedialyte.com

PediaSure®

Complete, Balanced Nutrition®

3 SOURCES
OF PROTEIN

NutraFlora
LIVE PROBIOTIC COLLAGEN PEPTIDE



Usage

PEDIASURE is a source of Complete, Balanced Nutrition® especially designed for the oral feeding of children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral feeding; may also be tube fed

Features

- Milk-based, complete, balanced nutrition
- 1.0 Cal per mL, 240 Cal per 8 fl oz, from a balanced distribution of protein, fat, and carbohydrate
- Meets 100% of the 2011 updated Dietary Reference Intake (DRI) values for calcium and vitamin D for children 1-8 years of age in 1000 mL and for children 9-13 years of age in 1500 mL

- A blend of prebiotics designed to support digestive tract health¹⁻³ and antioxidants* to help support the immune system
- Excellent source of DHA Omega-3,[†] an important nutrient to help support brain and eye health^{4,5}
- Also available in 8-fl-oz reclosable bottles to improve compliance and reduce waste
- Kosher, Halal, gluten-free, suitable for lactose intolerance,[‡] low-residue
- “Kid-Approved” flavors encourage compliance

Availability (See page 167 for retail list numbers.)

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	55897	70074-0558-98
Chocolate	51882	70074-0518-83
Strawberry	51880	70074-0518-81
Banana	51884	70074-0518-85
— 8-fl-oz reclosable bottles; 24/case		
Vanilla	53581	70074-0535-82
Chocolate	53587	70074-0535-88
Strawberry	53589	70074-0535-90

1. Borneo FR et al. *Nutr Rev* 2002;60:326-334.
2. Tokunaga T et al. *Bifidus* 1993;6:143-150.
3. Hidaka H et al. *Bifidobact Microflora* 1986;5:37-50.
4. Uauy R et al. *Proc Nutr Soc* 2000;59(1):3-15.
5. Uauy R et al. *Lipids* 2001;36(9):885-895.

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PEDIASURE

Technical Data		Nutrition Information			Nutrition Information				
		8 fl oz (237 mL)	1000 mL [§]	1500 mL [§]	8 fl oz (237 mL)	1000 mL [§]	1500 mL [§]		
(Vanilla)		(Vanilla)							
Nutrient Density (Cal/mL)	1.0	Calories	240	1000	1500	Phosphorus, mg	200	844	1266
Protein (% Cal)	12	Protein, g	7	30	44	Magnesium, mg	40	169	253
Carbohydrate (% Cal)	54	Total Carbohydrate, g	33	139	209	Iron, mg	2.7	11	17
Fat (% Cal)	34	Dietary Fiber, g	1	4	6	Zinc, mg	1.5	6.3	9.5
n6:n3	4.6:1	Sugars, g	18	76	114	Manganese, mg	0.4	1.7	2.5
Cal or mL to meet or exceed 100% DRIs for children ages 1-8 years	1000	Total Fat, g	9	38	57	Copper, mg	0.2	0.8	1.3
Cal or mL to meet or exceed 100% DRIs for children ages 9-13 years	1500	Cholesterol, mg	5	20	30	Iodine, mcg	23	97	146
Kosher, Halal	Yes	Saturated Fat, g	1	4	6	Selenium, mcg	7	30	44
Suitable for Lactose Intolerance [†]	Yes	Water, g	200	844	1266	Chromium, mcg	12	51	76
Gluten-Free	Yes	Vitamin A, IU	500	2110	3165	Molybdenum, mcg	7.5	32	47
Low-Residue	Yes	Vitamin D ₃ , IU	160	675	1013	Sodium, mg	90	380	570
Osmolality, mOsm/kg H ₂ O	490	Vitamin E, IU	6	25	38	Sodium, mEq	3.9	17	25
Potential Renal Solute Load, mOsm/L	282	Vitamin K, mcg	16	68	101	Potassium, mg	350	1477	2215
Viscosity		Vitamin C, mg	24	101	152	Potassium, mEq	9	37.8	56.7
Thin (Room Temperature)		Folic Acid, mcg	60	253	380	Chloride, mg	270	1139	1709
Thin (Chilled)		Thiamin (Vit B ₁), mg	0.6	2.5	3.8	Chloride, mEq	7.6	32	48
Precautions		Riboflavin (Vit B ₂), mg	0.5	2.1	3.2	L-Carnitine, mg	4	17	25
■ Not intended for infants under 1 year of age unless specified by a physician		Vitamin B ₆ , mg	0.6	2.5	3.8	Taurine, mg	18	76	114
■ Not for IV use		Vitamin B ₁₂ , mcg	1.5	6.3	9.5				
		Niacin, mg	2	8.4	12.7				
		Choline, mg	83	350	525				
		Biotin, mcg	45	190	285				
		Pantothenic Acid, mg	2.5	10.5	15.8				
		Inositol, mg	20	84	127				
		Calcium, mg	250	1055	1582				
		Calcium, mEq	12.5	53	79				

PEDIASURE Ingredients

(Vanilla): Ingredients: Water, Sugar, Corn Maltodextrin, High Oleic Safflower Oil, Milk Protein Concentrate, Canola Oil, Soy Protein Isolate, Pea Protein Concentrate; Less Than 0.5% Of: Short-chain Fructooligosaccharides, Natural And Artificial Flavor, Cellulose Gel, Potassium Chloride, Magnesium Phosphate, Potassium Citrate, Calcium Phosphate, Calcium Carbonate, Tuna Oil, Potassium Phosphate, Cellulose Gum, Choline Chloride, Ascorbic Acid, Soy Lecithin, Monoglycerides, Salt, Potassium Hydroxide, M-inositol, Carrageenan, Taurine, Ferrous Sulfate, DL-alpha- Tocopheryl Acetate, L-carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Lutein, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D3 And Cyanocobalamin. (FAN 9156-02)

Contains milk and soy ingredients.

* Vitamins C & E and selenium.

† 32 mg of DHA per 8-fl-oz serving (20% of 160 mg Daily Value).

‡ Not for children with galactosemia.

§ Values extrapolated from 8 fl oz.

|| Includes 1 g from short-chain fructooligosaccharides per 8 fl oz

¶ Tuna oil is the source of docosahexaenoic acid (DHA).

HCPCS Code B4160
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Use under medical supervision.

PediaSure[®] With Fiber

Complete, Balanced Nutrition[®]

3 SOURCES
OF PROTEIN

 NutraFlora
ALSO PROBIOTIC COLICASE TRADE



- Meets 100% of the 2011 updated Dietary Reference Intake (DRI) values for calcium and vitamin D for children 1-8 years of age in 1000 mL and for children 9-13 years of age in 1500 mL
- A blend of prebiotics designed to support digestive tract health¹⁻³ and antioxidants* to support the immune system
- Excellent source of DHA Omega-3,[†] an important nutrient to help support brain and eye health^{4,5}
- Also available in 8-fl-oz reclosable bottles to improve compliance and reduce waste
- Kosher, Halal, gluten-free, suitable for lactose intolerance[‡]
- “Kid-Approved” vanilla flavor

Usage

PEDIASURE WITH FIBER is a source of Complete, Balanced Nutrition[®] especially designed for the oral feeding of children 1 to 13 years of age. The fiber level in PEDIASURE WITH FIBER helps maintain normal bowel function.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral feeding; may also be tube fed

Features

- Milk-based, complete, balanced nutrition
- 1.0 Cal per mL, 240 Cal per 8 fl oz, from a balanced distribution of protein, fat, and carbohydrate
- Good source of fiber—contains 3 g of dietary fiber per 8 fl oz with 1.2 g from soy fiber and 1.8 g from short-chain fructooligosaccharides

Availability (See page 167 for retail list number.)

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	58220	70074-0582-21
— 8-fl-oz reclosable bottles; 24/case		
Vanilla	53585	70074-0535-86

1. Bornet FR et al. *Nutr Rev* 2002;60:326-334.
2. Tokunaga T et al. *Bifidus* 1993;6:143-150.
3. Hidaka H et al. *Bifidobact Microflora* 1986;5:37-50.
4. Uauy R et al. *Proc Nutr Soc* 2000;59(1):3-15.
5. Uauy R et al. *Lipids* 2001;36(9):885-895.

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PEDIASURE WITH FIBER

Technical Data		Nutrition Information (Vanilla)								
		8 fl oz	1000 mL [§]	1500 mL [§]				8 fl oz	1000 mL [§]	1500 mL [§]
Nutrient Density (Cal/mL)	1.0	Calories	240	1000	1500	Phosphorus, mg	200	844	1266	
Protein (% Cal)	12	Protein, g	7	30	44	Magnesium, mg	40	169	253	
Carbohydrate (% Cal)	54	Total Carbohydrate, g	33	139	209	Iron, mg	2.7	11	17	
Fat (% Cal)	34	Dietary Fiber, g	3	13	19	Zinc, mg	1.5	6.3	9.5	
n6:n3	4.6:1	Sugars, g	18	76	114	Manganese, mg	0.4	1.7	2.5	
Cal or mL to meet or exceed 100% DRIs for children ages 1-8 years	1000	Total Fat, g	9	38	57	Copper, mg	0.2	0.8	1.3	
Cal or mL to meet or exceed 100% DRIs for children ages 9-13 years	1500	Cholesterol, mg	5	20	30	Iodine, mcg	23	97	146	
Kosher, Halal	Yes	Saturated Fat, g	1	4	6	Selenium, mcg	7	30	44	
Gluten-Free	Yes	Water, g	200	844	1266	Chromium, mcg	12	51	76	
Low-Residue	No	Vitamin A, IU	500	2110	3165	Molybdenum, mcg	7.5	32	47	
Suitable for Lactose Intolerance [‡]	Yes	Vitamin D ₃ , IU	160	675	1013	Sodium, mg	90	380	570	
Osmolality, mOsm/kg H ₂ O	490	Vitamin E, IU	6	25	38	Sodium, mEq	3.9	17	25	
Potential Renal Solute Load, mOsm/L	282	Vitamin K, mcg	16	68	101	Potassium, mg	350	1477	2215	
Viscosity		Vitamin C, mg	24	101	152	Potassium, mEq	9	37.8	56.7	
Thin (Room Temperature)		Folic Acid, mcg	60	253	380	Chloride, mg	270	1139	1709	
Thin (Chilled)		Thiamin (Vit B ₁), mg	0.6	2.5	3.8	Chloride, mEq	7.6	32	48	
Precautions		Riboflavin (Vit B ₂), mg	0.5	2.1	3.2	L-Carnitine, mg	4	17	25	
■ Not intended for infants under 1 year of age unless specified by a physician		Vitamin B ₆ , mg	0.6	2.5	3.8	Taurine, mg	18	76	114	
■ Not for IV use		Vitamin B ₁₂ , mcg	1.5	6.3	9.5					
		Niacin, mg	2.0	8.4	12.7					
		Choline, mg	83	350	525	* Vitamins C & E and selenium.				
		Biotin, mcg	45	190	285	† 32 mg of DHA per 8-fl-oz serving (20% of 160 mg Daily Value).				
		Pantothenic Acid, mg	2.5	10.5	15.8	‡ Not for children with galactosemia.				
		Inositol, mg	20	84	127	§ Values extrapolated from 8 fl oz.				
		Calcium, mg	250	1055	1582	Includes 1.8 g from short-chain fructooligosaccharides per 8 fl oz.				
		Calcium, mEq	12.5	53	79	¶ Tuna oil is the source of docosahexaenoic acid (DHA).				

PEDIASURE WITH FIBER Ingredients

Water, Sugar, Corn Maltodextrin, High Oleic Safflower Oil, Milk Protein Concentrate, Canola Oil, Short-chain Fructooligosaccharides, Soy Protein Isolate, Soy Fiber, Pea Protein Concentrate; Less Than 0.5% Of: Natural And Artificial Flavor, Potassium Chloride, Magnesium Phosphate, Calcium Carbonate, Potassium Citrate, Calcium Phosphate, Tuna Oil, Potassium Phosphate, Choline Chloride, Ascorbic Acid, Soy Lecithin, Monoglycerides, Salt, Carrageenan, Potassium Hydroxide, M-inositol, Taurine, Ferrrous Sulfate, DI-alpha-tocopheryl Acetate, L-carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Lutein, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D3 And Cyanocobalamin. (FAN 9156-02)

Contains milk and soy ingredients.

HCPCS Code B4160
www.AbbottNutrition.com
Use under medical supervision.

PediaSure® 1.5 Cal

Complete, Balanced Nutrition®



Usage

PEDIASURE 1.5 CAL is a higher* caloric density product designed to meet the energy requirements of pediatric patients who are at risk for malnutrition, require a higher caloric density, or have fluid restrictions. PEDIASURE 1.5 CAL provides a source of Complete, Balanced Nutrition® for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral or tube feeding

Features

- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1-8 and in 1500 mL for children ages 9-13
- Excellent source of high-quality protein designed to meet the acceptable macronutrient distribution range of protein for children ages 1-13
- Excellent source of DHA Omega-3[†] to support brain and eye health
- Good source of antioxidants[‡] to support the immune system
- Meets 100% of the 2011 updated Dietary Reference Intake (DRI) values for calcium and vitamin D for children 1-8 years of age in 1000 mL and for children 9-13 years of age in 1500 mL
- Kosher, Halal, gluten-free, suitable for lactose intolerance,[§] low-residue

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	56409	70074-0564-10

* Caloric value is 1.5 Cal/mL compared to base PediaSure® at 1.0 Cal/mL.

[†] 32 mg of DHA per 8-fl-oz serving (20% of 160 mg Daily Value).

[‡] Vitamins C & E and selenium.

[§] Not for children with galactosemia.

PEDIASURE 1.5 CAL

Technical Data		Nutrition Information (Vanilla)			Nutrition Information (Vanilla)			
		8 fl oz (237 mL)	1000 mL**	1500 mL**	8 fl oz (237 mL)	1000 mL**	1500 mL**	
Nutrient Density (Cal/mL)	1.5							
Protein (% Cal)	16							
Carbohydrate (% Cal)	43							
Fat (% Cal)	41							
MCT:LCT	15:85							
n6:n3	10:1							
mL to meet DRIs for children ages 1-8 years	1000							
mL to meet DRIs for children ages 9-13 years	1500							
Kosher, Halal	Yes							
Suitable for Lactose Intolerance ⁶	Yes							
Gluten-Free	Yes							
Low-Residue	Yes							
Osmolality, mOsm/kg H ₂ O	370							
Potential Renal Solute Load, mOsm/L	462							
Viscosity								
Thin (Room Temperature)								
Thin (Chilled)								
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8							
Precautions								
■ Not intended for infants under 1 year of age unless specified by physician								
■ Not for IV use								
Calories		350	1500	2250	Magnesium, mg	60	253	380
Protein, g		14	59	89	Iron, mg	2.7	11	17
Carbohydrate, g		38	160	241	Zinc, mg	1.5	6.3	9.5
Sugars, g		3	11	17	Manganese, mg	0.4	1.7	2.5
Fat, g		16	68	101	Copper, mg	0.2	0.8	1.3
Cholesterol, mg		10	35	55	Iodine, mcg	23	97	146
Water, g		185	781	1171	Selenium, mcg	7	30	44
Vitamin A, IU		500	2110	3165	Chromium, mcg	12	51	76
Vitamin D ₃ , IU		160	675	1013	Molybdenum, mcg	7.5	32	47
Vitamin E, IU		6	25	38	Sodium, mg	90	380	570
Vitamin K, mcg		16	68	101	Sodium, mEq	3.9	16.5	24.7
Vitamin C, mg		24	101	152	Potassium, mg	390	1650	2468
Folic Acid, mcg		60	253	380	Potassium, mEq	9.9	42	63
Thiamin (B ₁), mg		0.6	2.5	3.8	Chloride, mg	270	1140	1709
Riboflavin (B ₂), mg		0.5	2.1	3.2	Chloride, mEq	7.6	32	48
Vitamin B ₆ , mg		0.6	2.5	3.8	L-Carnitine, mg	4	17	25
Vitamin B ₁₂ , mcg		1.5	6.3	9.5	Taurine, mg	18	76	114
Niacin, mg		2	8.4	12.7				
Choline, mg		83	350	525				
Biotin, mcg		45	190	285				
Pantothenic Acid, mg		2.5	11	16.5				
Inositol, mg		20	84	127				
Calcium, mg		350	1480	2215				
Calcium, mEq		17.5	74	111				
Phosphorus, mg		250	1055	1582				

** Micronutrient values extrapolated from 8 fl oz.

†† Source of docosahexaenoic acid (DHA).

PEDIASURE 1.5 CAL

Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, High Oleic Safflower Oil, Soy Oil, Medium Chain Triglycerides; **Less than 0.5% of:** Natural And Artificial Flavor, Potassium Citrate, Cellulose Gel, Magnesium Phosphate, Potassium Chloride, Soy Lecithin, Monoglycerides, Salt, Calcium Phosphate, Choline Chloride, Ascorbic Acid, C. Cohnii Oil,†† Cellulose Gum, m-Inositol, Potassium Hydroxide, Carrageenan, Taurine, Sucralose, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D₃ and Cyanocobalamin. (FAN 9020-01)

Contains milk and soy ingredients.

HCPCS Code B4160
www.AbbottNutrition.com
Use under medical supervision.

PediaSure® 1.5 Cal With Fiber

Complete, Balanced Nutrition®

NutraFlora
WITH PROBIOTIC COLICULE FIBER



Usage

PEDIASURE 1.5 CAL WITH FIBER is a higher* caloric density product designed to meet the higher energy requirements of pediatric patients who are at risk for malnutrition, require a higher caloric density, or have fluid restrictions. PEDIASURE 1.5 CAL WITH FIBER provides a source of Complete, Balanced Nutrition® for children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for oral or tube feeding
- Not for IV use

Features

- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1-8 and in 1500 mL for children ages 9-13
- Excellent source of high-quality protein designed to meet the acceptable macronutrient distribution range of protein for children ages 1-13
- A blend of prebiotics designed to support digestive tract health and antioxidants† to support the immune system¹⁻³
- Excellent source of DHA Omega-3[‡] to help support brain and eye health
- Meets 100% of the 2011 updated Dietary Reference Intake (DRI) values for calcium and vitamin D for children 1-8 years of age in 1000 mL and for children 9-13 years of age in 1500 mL
- Kosher, Halal, gluten-free, suitable for lactose intolerance[§]

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	56411	70074-0564-12
— Ready-To-Hang 1000 mL prefilled containers, Non-spikeable cap; 8/case		
Vanilla	62749	70074-0627-49

1. Bornet FR, et al. *Nutr Rev.* 2002;60:326-334.

2. Tokunaga T, et al. *Bifidus.* 1993;6:143-150.

3. Hidaka H, et al. *Bifidobact Microflora.* 1986;5:37-50.

* Caloric value is 1.5 Cal/mL compared to base PediaSure® at 1.0 Cal/mL.

† Vitamins C & E and selenium.

‡ 32 mg of DHA per 8-fl-oz serving (20% of 160 mg DV).

§ Not for children with galactosemia.

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PEDIASURE 1.5 CAL WITH FIBER

Technical Data		Nutrition Information (Vanilla)			Nutrition Information (Vanilla)				
		8 fl oz (237 mL)	1000 mL	1500 mL ^{††}	8 fl oz (237 mL)	1000 mL	1500 mL ^{††}		
Nutrient Density (Cal/mL)	1.5	Calories	350	1500	2250	Phosphorus, mg	250	1055	1582
Protein (% Cal)	16	Protein, g	14	59	89	Magnesium, mg	60	253	380
Carbohydrate (% Cal)	43	Carbohydrate, g	39	165	247	Iron, mg	2.7	11	17
Fat (% Cal)	41	Dietary Fiber ^{‡‡}	3	13	19	Zinc, mg	1.5	6.3	9.5
MCT:LCT n6:n3	15:85 10:1	Sugars, g	3	11	17	Manganese, mg	0.4	1.7	2.5
mL to meet DRIs for children ages 1-8 years	1000	Fat, g	16	68	101	Copper, mg	0.2	0.8	1.3
mL to meet DRIs for children ages 9-13 years	1500	Cholesterol, mg	10	38	53	Iodine, mcg	23	97	146
Kosher, Halal	Yes	Water, g	185	781	1171	Selenium, mcg	7	30	44
Suitable for Lactose Intolerance [§]	Yes	Vitamin A, IU	500	2110	3165	Chromium, mcg	12	51	76
Gluten-Free	Yes	Vitamin D ₃ , IU	160	675	1013	Molybdenum, mcg	7.5	32	47
Low-Residue	No	Vitamin E, IU	6	25	38	Sodium, mg	90	380	570
Osmolality, mOsm/kg H ₂ O	390	Vitamin K, mcg	16	68	101	Sodium, mEq	3.9	16.5	24.7
Potential Renal Solute Load, mOsm/L	462	Vitamin C, mg	24	101	152	Potassium, mg	390	1650	2468
Viscosity		Folic Acid, mcg	60	253	380	Potassium, mEq	9.9	42	63
Thin (Room Temperature)		Thiamin (B ₁), mg	0.6	2.5	3.8	Chloride, mg	270	1140	1709
Thin (Chilled)		Riboflavin (B ₂), mg	0.5	2.1	3.2	Chloride, mEq	7.6	32	48
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Vitamin B ₆ , mg	0.6	2.5	3.8	L-Carnitine, mg	4	17	25
Precautions		Vitamin B ₁₂ , mcg	1.5	6.3	9.5	Taurine, mg	18	76	114
■ Not intended for infants under 1 year of age unless specified by physician		Niacin, mg	2	8.4	12.7				
■ Not for IV use		Choline, mg	83	350	525				
		Biotin, mcg	45	190	285				
		Pantothenic Acid, mg	2.5	11	16.5				
		Inositol, mg	20	84	127				
		Calcium, mg	350	1480	2215				
		Calcium, mEq	17.5	74	111				

PEDIASURE 1.5 CAL WITH FIBER

Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, High Oleic Safflower Oil, Soy Oil, Short-Chain Fructooligosaccharides, Medium Chain Triglycerides; **Less than 0.5% of:** Oat Fiber, Natural and Artificial Flavor, Potassium Citrate, Soy Fiber, Cellulose Gel, Magnesium Phosphate, Potassium Chloride, Soy Lecithin, Monoglycerides, Salt, Choline Chloride, Ascorbic Acid, C. Cohnii Oil,^{§§} Cellulose Gum, Calcium Phosphate, Potassium Hydroxide, Carrageenan, m-Inositol, Taurine, Sucralose, Ferrous Sulfate, dl-Alpha-tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D₃ and Cyanocobalamin. (FAN 9020-01)

Contains milk and soy ingredients.

^{††} Micronutrient values extrapolated from 8 fl oz.

^{‡‡} Includes 1.5 g from short-chain fructooligosaccharides per 8 fl oz.

^{§§} Source of docosahexaenoic acid (DHA).

HCPCS Code B4160
www.AbbottNutrition.com
Use under medical supervision.

PediaSure® Enteral Formula 1.0 Cal

Complete,
Balanced Nutrition®



Usage

PEDIASURE ENTERAL FORMULA 1.0 Cal is a source of Complete, Balanced Nutrition® especially designed for the tube feeding of children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Formulated for tube feeding

Features

- Milk-based, complete, balanced nutrition
- 1.0 Cal per mL, 240 Cal per 8 fl oz, from a balanced distribution of protein, fat, and carbohydrate
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1-8 and in 1500 mL for children ages 9-13
- Good source of antioxidants* to support the immune system
- Kosher, Halal, gluten-free, suitable for lactose intolerance,† low-residue
- Vanilla flavor

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz cans; 24/case		
Vanilla	51804	70074-0518-05

* Vitamins C and E and selenium.

† Not for children with galactosemia.

PEDIASURE ENTERAL FORMULA 1.0 CAL

Technical Data		Nutrition Information (Vanilla)			Nutrition Information (Vanilla)				
		8 fl oz (237 mL)	1000 mL [†]	1500 mL [†]	8 fl oz (237 mL)	1000 mL [†]	1500 mL [†]		
Nutrient Density (Cal/mL)	1.0								
Protein (% Cal)	12								
Carbohydrate (% Cal)	54	Calories	240	1000	1500	Magnesium, mg	40	169	253
Fat (% Cal)	34	Protein, g	7	30	44	Iron, mg	2.7	11	17
MCT:LCT	15:85	Total Carbohydrate, g	33	139	209	Zinc, mg	1.5	6.3	9.5
n6:n3	8.5:1	Sugars, g	7	29	44	Manganese, mg	0.4	1.7	2.5
Cal or mL to meet or exceed 100% DRIs for children ages 1-8 years	1000	Total Fat, g	9	38	56	Copper, mg	0.2	0.8	1.3
Cal or mL to meet or exceed 100% DRIs for children ages 9-13 years	1500	Cholesterol, mg	5	20	30	Iodine, mcg	23	97	146
Kosher, Halal	Yes	Water, g	200	844	1266	Selenium, mcg	7.0	30	44
Gluten-Free	Yes	Vitamin A, IU	500	2110	3165	Chromium, mcg	12	51	76
Low-Residue	Yes	Vitamin D ₃ , IU	160	675	1013	Molybdenum, mcg	7.5	32	47
Suitable for Lactose Intolerance [‡]	Yes	Vitamin E, IU	6	25	38	Sodium, mg	90	380	570
Osmolality, mOsm/kg H ₂ O	335	Vitamin K, mcg	16	68	101	Sodium, mEq	3.9	17	25
Potential Renal Solute Load, mOsm/L	278	Vitamin C, mg	24	101	152	Potassium, mg	310	1308	1962
Viscosity		Folic Acid, mcg	60	253	380	Potassium, mEq	7.9	33	50
Thin (Room Temperature)		Thiamin (Vit B ₁), mg	0.6	2.5	3.8	Chloride, mg	270	1139	1709
Thin (Chilled)		Riboflavin (Vit B ₂), mg	0.5	2.1	3.2	Chloride, mEq	7.6	32	48
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Vitamin B ₆ , mg	0.6	2.5	3.8	L-Carnitine, mg	4	17	25
Precautions		Vitamin B ₁₂ , mcg	1.5	6.3	9.5	Taurine, mg	18	76	114
■ Not intended for infants under 1 year of age unless specified by a physician		Niacin, mg	2	8.4	12.7				
■ Not for IV use		Choline, mg	83	350	525				
		Biotin, mcg	45	190	285				
		Pantothenic Acid, mg	2.5	10.5	15.8				
		Inositol, mg	20	84	127				
		Calcium, mg	250	1055	1582				
		Calcium, mEq	12.5	53	79				
		Phosphorus, mg	200	844	1266				

† Values extrapolated from 8 fl oz.

PEDIASURE ENTERAL FORMULA 1.0 CAL

Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, Sugar, High Oleic Safflower Oil, Soy Oil, Medium Chain Triglycerides; **Less than 0.5% of:** Potassium Citrate, Natural And Artificial Flavor, Magnesium Phosphate, Cellulose Gel, Salt, Potassium Chloride, Calcium Phosphate, Potassium Phosphate, Choline Chloride, Soy Lecithin, Monoglycerides, Carrageenan, Ascorbic Acid, Cellulose Gum, m-Inositol, Taurine, Potassium Hydroxide, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D₃ and Cyanocobalamin. (FAN 9020-04)

Contains milk and soy ingredients.

HCPCS Code B4160
www.AbbottNutrition.com
Use under medical supervision.

PediaSure® Enteral Formula 1.0 Cal With Fiber

Complete, Balanced Nutrition®



Usage

PEDIASURE ENTERAL FORMULA 1.0 CAL WITH FIBER is a source of Complete, Balanced Nutrition® especially designed for the tube feeding of children 1 to 13 years of age.

- May be used as the sole source of nutrition or as a supplement
- Specially formulated for tube feeding

Precautions

- Not intended for infants under 1 year of age unless specified by a physician
- Not for IV use

Features

- Milk-based, complete, balanced nutrition
- 1.0 Cal per mL, 240 Cal per 8 fl oz, from a balanced distribution of protein, fat, and carbohydrate
- Meets or exceeds 100% of the DRIs for protein and 25 essential vitamins and minerals in 1000 mL for children ages 1-8 and in 1500 mL for children ages 9-13
- Blend of soluble and insoluble fibers and short-chain fructooligosaccharides at a level that is well tolerated by children
- A blend of prebiotics designed to support digestive system health and antioxidants* to help support the immune system¹⁻³
- Kosher, Halal, gluten-free, suitable for lactose intolerance[†]

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	51806	70074-0518-07
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Vanilla	62727	70074-0627-27

1. Bornet FR, et al. *Nutr Rev.* 2002;60:326-334.

2. Tokunaga T, et al. *Bifidus.* 1993;6:143-150.

3. Hidaka H, et al. *Bifidobact Microflora.* 1986;5:37-50.

* Vitamins C & E and selenium

† Not for children with galactosemia.

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PEDIASURE ENTERAL FORMULA 1.0 CAL WITH FIBER

Technical Data		Nutrition Information (Vanilla)			Nutrition Information (Vanilla)				
		8 fl oz (237 mL)	1000 mL*	1500 mL*	8 fl oz (237 mL)	1000 mL*	1500 mL*		
Nutrient Density (Cal/mL)	1.0	Calories	240	1000	1500	Magnesium, mg	40	169	254
Protein (% Cal)	12	Protein, g	7	30	45	Iron, mg	2.7	11	17
Carbohydrate (% Cal)	54	Total Carbohydrate, g	34	143	215	Zinc, mg	1.5	6.3	9.5
Fat (% Cal)	34	Dietary Fiber, g [†]	3	13	19	Manganese, mg	0.4	1.7	2.6
MCT:LCT	15:85	Sugars, g	7	29	44	Copper, mg	0.2	0.8	1.2
n6:n3	8.5:1	Total Fat, g	9	38	57	Iodine, mcg	23	97	146
Cal or mL to meet or exceed 100% DRIs for children ages 1-8 years	1000	Cholesterol, mg	5	20	30	Selenium, mcg	7	30	44
Cal or mL to meet or exceed 100% DRIs for children ages 9-13 years	1500	Water, g	200	845	1270	Chromium, mcg	12	51	76
Kosher, Halal	Yes	Vitamin A, IU	500	2110	3170	Molybdenum, mcg	7.5	32	47
Gluten-Free	Yes	Vitamin D ₃ , IU	160	675	1010	Sodium, mg	90	380	570
Low-Residue	No	Vitamin E, IU	6.0	25	38	Potassium, mg	310	1310	1960
Suitable for Lactose Intolerance [†]	Yes	Vitamin K, mcg	16	68	101	Chloride, mg	270	1140	1710
Osmolality, mOsm/kg H ₂ O	350	Vitamin C, mg	24	101	152	L-Carnitine, mg	4	17	26
Potential Renal Solute Load, mOsm/L	278	Folic Acid, mcg	60	253	380	Taurine, mg	18	76	114
Viscosity		Thiamin (Vit B ₁), mg	0.6	2.5	3.8				
Thin (Room Temperature)		Riboflavin (Vit B ₂), mg	0.5	2.1	3.2				
Thin (Chilled)		Vitamin B ₆ , mg	0.6	2.5	3.8				
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Vitamin B ₁₂ , mcg	1.5	6.3	9.5				
Precautions		Niacin, mg	2	8.4	13				
■ Not intended for infants under 1 year of age unless specified by physician		Choline, mg	83	350	525				
■ Not for IV use		Biotin, mcg	45	190	285				
		Pantothenic Acid, mg	2.5	11	17				
		Inositol, mg	20	84	127				
		Calcium, mg	250	1055	1580				
		Phosphorus, mg	200	844	1270				

* Values extrapolated from 8 fl oz.

[†] Includes 1.5 g from short-chain fructooligosaccharides per 8 fl oz.

PEDIASURE ENTERAL FORMULA 1.0 CAL WITH FIBER

Ingredients

Water, Corn Maltodextrin, Milk Protein Concentrate, Sugar, High Oleic Safflower Oil, Soy Oil, Short-Chain Fructooligosaccharides, Medium Chain Triglycerides; **Less than 0.5% of:** Oat Fiber, Soy Fiber, Natural And Artificial Flavor, Potassium Citrate, Magnesium Phosphate, Potassium Chloride, Gum Arabic, Calcium Phosphate, Cellulose Gel, Salt, Ascorbic Acid, Cellulose Gum, Potassium Phosphate, Soy Lecithin, Choline Chloride, Monoglycerides, Carrageenan, Potassium Hydroxide, m-Inositol, Taurine, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D₃ And Cyanocobalamin. (FAN 9020-04)

Contains milk and soy ingredients.

HCPCS Code B4160
www.AbbottNutrition.com
Use under medical supervision.

PediaSure® Peptide 1.0 Cal

Peptide-based Nutrition for Children



Usage

PediaSure Peptide 1.0 Cal is a nutritionally complete, peptide-based formula for the nutritional needs of children ages 1-13 years with malabsorption, maldigestion, and other GI conditions.

- For oral or tube feeding
- For supplemental or sole-source nutrition

Precautions

- Not intended for infants under one year of age unless specified by a physician.
- Not for children with galactosemia.
- Not for IV use

Features

- Nutrient blend designed to help support tolerance and absorption:
 - Hydrolyzed whey-dominant protein
 - NutraFlora® scFOS® prebiotic
 - Structured lipids
- Nutrition to help support:
 - Absorption
 - Tolerance
 - Growth and development
- Meets or exceeds 100% of DRIs for protein, and 25 essential vitamins, and minerals for children 1 to 8 years of age in 1000 mL (1000 Cal); for children 9 to 13 years of age in 1500 mL (1500 Cal)
- Only peptide-based pediatric product with kosher status
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz bottles; 24/case		
Vanilla	62119	70074-0621-20
Strawberry	62121	70074-0621-22
Unflavored	62123	70074-0621-24
– Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62729	70074-0627-29

* Not for children with galactosemia

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PEDIASURE PEPTIDE 1.0 CAL

Technical Data		Nutrition Information	8 fl oz	1000 mL		8 fl oz	1000 mL
Nutrient Density (Cal/mL)	1.0						
Protein (% Cal)	12	Calories	237	1000	Potassium, mg	320	1350
Carbohydrate (% Cal)	53	Protein, g	7.1	30	Potassium, mEq	8.2	34.6
Fat (% Cal)	35	Total Carbohydrate, g	31.7	134	Chloride, mg	240	1010
MCT:LCT	50:50	Dietary Fiber, g	0.7	3	Chloride, mEq	6.8	28.5
n6:n3	2.6:1	scFOS, g	0.7	3	Calcium, mg	250	1060
Cal or mL to meet 100% DRIs for children 1-8 years	1000	Total Fat, g	9.6	40.5	Phosphorus, mg	200	844
Cal or mL to meet 100% DRIs for children 9-13 years	1500	Water, g/mL/cc	200	845	Magnesium, mg	47	198
Kosher, Halal	Yes	Vitamin A, IU	592	2500	Iodine, mcg	23	97
Gluten-Free	Yes	Vitamin D, IU	125	530	Manganese, mg	0.4	1.7
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	5.4	23	Copper, mg	0.2	1
Low-Residue	Yes	Vitamin K, mcg	14	59	Zinc, mg	2.8	12
Total Cal/g Nitrogen	208:1	Vitamin C, mg	24	101	Iron, mg	3.3	14
Nonprotein Cal/g Nitrogen	183:1	Folic Acid, mcg	71	300	Selenium, mcg	7.6	32
Osmolality, mOsm/kg H ₂ O		Thiamin (Vit B ₁), mg	0.6	2.5	Chromium, mcg	7.1	30
Flavored	390	Riboflavin (Vit B ₂), mg	0.5	2.1	Molybdenum, mcg	8.5	36
Unflavored	250	Vitamin B ₆ , mg	0.6	2.5	L-Carnitine, mg	4	17
Renal Solute Load, mOsm/L	293	Vitamin B ₁₂ , mcg	1.4	5.9	Taurine, mg	18	76
Viscosity		Niacin, mg	2.4	10			
Thin (Room Temperature)		Choline, mg	71	300			
Thin (Chilled)		Biotin, mcg	45	190			
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Pantothenic Acid, mg	2.4	10			
		m-Inositol, mg	20	84			
		Sodium, mg	170	717			
		Sodium, mEq	7.4	31.2			

PediaSure® Peptide 1.0 Cal Ingredients

(Unflavored): Water, Corn Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil and Medium-Chain Triglycerides), Hydrolyzed Sodium Caseinate, Medium-Chain Triglycerides, Canola Oil; **Less than 0.5% of:** Short-Chain Fructooligosaccharides, Calcium Phosphate, Potassium Citrate, Cellulose Gel, Magnesium Phosphate, Soy Lecithin, Potassium Chloride, Magnesium Chloride, Ascorbic Acid, Choline Chloride, Cellulose Gum, m-Inositol, Carrageenan, Sodium Citrate, Taurine, Ferrous Sulfate, Zinc Sulfate, DI-Alpha-Tocopheryl Acetate, L-Carnitine, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Cyanocobalamin and Vitamin D₃ (FAN 8892-01)

Contains milk and soy ingredients.

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HCPCS Code B4161
www.AbbottNutrition.com
Use under medical supervision.

PediaSure® Peptide 1.5 Cal

Peptide-based Nutrition for Children



Usage

PediaSure Peptide 1.5 is a nutritionally complete, peptide-based formula for the nutritional needs of children ages 1-13 years with malabsorption, maldigestion, and other GI conditions. It is designed to meet the nutritional and caloric needs of kids who require higher caloric density, have fluid restrictions, and are at risk for malnutrition.

- For oral or tube feeding
- For supplemental or sole-source nutrition

Precautions

- Not intended for infants under one year of age unless specified by a physician.
- Not for children with galactosemia.
- Not for IV use

Features

- Nutrient blend designed to help support tolerance and absorption:
 - Hydrolyzed whey-dominant protein
 - NutraFlora® scFOS® prebiotic
 - Structured lipids
- Nutrition to help support:
 - Absorption
 - Tolerance
 - Growth and development
- Meets or exceeds 100% of DRIs for protein, and 25 essential vitamins, and minerals for children 1 to 8 years of age in 667 mL (1000 Cal); for children 9 to 13 years of age in 1000 mL (1500 Cal)
- Only peptide-based pediatric product with kosher status
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz bottles; 24/case		
Vanilla	56655	70074-0566-56
– Ready-To-Hang 1000-mL prefilled containers, 8/case		
Vanilla	62731	70074-0627-31

* Not for children with galactosemia
NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

PEDIASURE PEPTIDE 1.5 CAL

Technical Data		Nutrition Information		8 fl oz	1000 mL	8 fl oz	1000 mL
(Vanilla)							
Nutrient Density (Cal/mL)	1.5	Calories	356	1500	Potassium, mg	480	2025
Protein (% Cal)	12	Protein, g	10.7	45.1	Potassium, mEq	12.3	51.9
Carbohydrate (% Cal)	53	Total Carbohydrate, g	47.6	201	Chloride, mg	360	1520
Fat (% Cal)	35	Dietary Fiber, g	1.1	4.6	Chloride, mEq	10.1	42.8
MCT:LCT	50:50	scFOS, g	1.1	4.6	Calcium, mg	375	1580
n6:n3	2.6:1	Total Fat, g	14.4	60.8	Phosphorus, mg	300	1265
mL to meet 100% DRIs for children 1-8 years	667	Water, g/mL/cc	182	768	Magnesium, mg	71	300
mL to meet 100% DRIs for children 9-13 years	1000	Vitamin A, IU	889	3750	Iodine, mcg	35	148
Kosher, Halal	Yes	Vitamin D, IU	188	791	Manganese, mg	0.5	2.2
Gluten-Free	Yes	Vitamin E, IU	8.1	34	Copper, mg	0.4	1.6
Suitable for Lactose Intolerance*	Yes	Vitamin K, mcg	21	89	Zinc, mg	4.3	18
Low-Residue	Yes	Vitamin C, mg	36	152	Iron, mg	5	21
Total Cal/g Nitrogen	208:1	Folic Acid, mcg	107	450	Selenium, mcg	11	46
Nonprotein Cal/g Nitrogen	183:1	Thiamin (Vit B ₁), mg	1	4.2	Chromium, mcg	11	46
Osmolality, mOsm/kg H ₂ O	450	Riboflavin (Vit B ₂), mg	0.8	3.3	Molybdenum, mcg	13	54
Renal Solute Load, mOsm/L	439	Vitamin B ₆ , mg	1	4.2	L-Carnitine, mg	6	25
Viscosity		Vitamin B ₁₂ , mcg	2.1	8.9	Taurine, mg	26	110
Thin (Room Temperature)		Niacin, mg	3.6	15			
Thin (Chilled)		Choline, mg	107	450			
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Biotin, mcg	68	286			
		Pantothenic Acid, mg	3.6	15			
		m-Inositol, mg	29	122			
		Sodium, mg	255	1075			
		Sodium, mEq	11.1	46.7			

PediaSure® Peptide 1.5 Cal Ingredients

(Vanilla): Water, Corn Maltodextrin, Structured Lipid (Interesterified Canola Oil and Medium Chain Triglycerides), Whey Protein Hydrolysate, Hydrolyzed Sodium Caseinate, Medium Chain Triglycerides, Canola Oil, Short-chain Fructooligosaccharides; **Less than 0.5% of:** Calcium Phosphate, Artificial Flavor, Potassium Citrate, Magnesium Phosphate, Potassium Chloride, Soy Lecithin, Cellulose Gel, Ascorbic Acid, Choline Chloride, Sodium Citrate, m-inositol, Cellulose Gum, Taurine, Magnesium Chloride, Acesulfame Potassium, Ferrous Sulfate, Zinc Sulfate, Sucralose, Di-Alpha-Tocopheryl Acetate, L-Carnitine, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Cyanocobalamin And Vitamin D₃. (FAN 8892-01)

Contains milk and soy ingredients.

HCPCS Code B4161
www.AbbottNutrition.com
Use under medical supervision.

PediaSure SideKicks® 0.63 Cal/mL

Complete, Balanced Nutrition®



Usage

PediaSure SideKicks Institutional 0.63 Cal/mL is designed for children ages 1–13 years old requiring a lower calorie (oral) supplement or a lower calorie complete feeding. It has all the nutrition of base PediaSure with fewer calories and less fat.*

- Formulated for oral use for children requiring a lower calorie supplement
- Formulated for tube feeding for children requiring a lower calorie complete feeding

Features

- High ratio of micronutrients to energy; same micronutrient profile as base PediaSure (1.0 Cal/mL vs 0.63 Cal/mL)
- When used as a lower calorie complete feeding, provides 100% or more of the DRIs for protein and 25 vitamins and minerals:
 - In 1000 mL for children under 8 years of age
 - In 1500 mL for children 9 to 13 years of age¹
- A blend of prebiotics and antioxidants[†] designed to support digestive tract health and to help support the immune system
- Kosher, Halal, suitable for lactose intolerance,[‡] gluten-free
- Kid approved taste!

Availability (See pages 167 for retail list numbers)

Flavor _____ List No. _____ NDC Format Code _____

– 8-fl-oz bottles; 24/case

Vanilla 56523 70074-0565-24

1. Cox, JH. Managing the nutritional care of infants and young toddlers with severe neurological damage, in The Newsletter of the Ohio Neonatal Nutritionists. Vol 7, No 2, Fall 1997.

* 35% less calories (150 Cal vs 240 Cal) for PediaSure SideKicks vs base PediaSure per 8-fl-oz serving and 40% less fat (5g vs 9g) for PediaSure SideKicks vs base PediaSure per 8-fl-oz serving.

[†] Vitamins C & E and selenium.

Use under medical supervision

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

PEDIASURE SIDEKICKS 0.63 CAL/ML

Technical Data		Nutrition Information (Vanilla)			Nutrition Information (Vanilla)				
		8 fl oz (237 mL)	1000 mL [§]	1500 mL [§]	8 fl oz (237 mL)	1000 mL [§]	1500 mL [§]		
Nutrient Density (Cal/mL)	0.63	Calories	150	633	949	Pantothenic Acid, mg	2.5	10.5	15.8
Protein (% Cal)	19	Protein, g	7	30	44	Inositol, mg	20	84	127
Carbohydrate (% Cal)	51	Total Carbohydrate, g	21	89	133	Calcium, mg	250	1055	1582
Fat (% Cal)	30	Dietary Fiber, g	3	13	19	Phosphorus, mg	200	844	1266
n6:n3	7.5:1	Sugars, g	17	72	108	Magnesium, mg	40	169	253
mL to meet DRIs for children ages 1-8 years with lower caloric complete feeding	1000	Total Fat, g	5	21	32	Iron, mg	2.7	11	17
mL to meet DRIs for children ages 9-13 years with lower caloric complete feeding	1500	Saturated Fat, g	1	4	6	Zinc, mg	1.5	6.3	9.5
Kosher, Halal	Yes	Trans Fat, g	0	0	0	Manganese, mg	0.4	1.7	2.5
Low-Residue	No	Polyunsaturated Fat, g	3	13	20	Copper, mg	0.2	0.8	1.3
Gluten-Free	Yes	Monounsaturated Fat, g	1	4	6	Iodine, mcg	23	97	146
Suitable for Lactose Intolerance [‡]	Yes	Cholesterol, mg	<5	20	30	Selenium, mcg	7	30	44
Osmolality, mOsm/kg H ₂ O	420	Water, g	212	895	1342	Chromium, mcg	12	51	76
Potential Renal Solute Load, mOsm/L	278	Vitamin A, IU	500	2110	3165	Molybdenum, mcg	7.5	32	47
Viscosity		Vitamin D ₃ , IU	160	675	1013	Sodium, mg	90	380	570
Thin (Room Temperature)		Vitamin E, IU	6	25	38	Potassium, mg	390	1646	2468
Thin (Chilled)		Vitamin K, mcg	16	68	101	Chloride, mg	270	1139	1709
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Vitamin C, mg	24	101	152	L-Carnitine, mg	4	17	25
		Folic Acid, mcg	60	253	380	Taurine, mg	18	76	114
		Thiamin (Vit B ₁), mg	0.6	2.5	3.8				
		Riboflavin (Vit B ₂), mg	0.5	2.1	3.2				
		Vitamin B ₆ , mg	0.6	2.5	3.8				
		Vitamin B ₁₂ , mcg	1.5	6.3	9.5				
		Niacin, mg	2	8.4	12.7				
		Choline, mg	83	350	525				
		Biotin, mcg	45	190	285				

PEDIASURE SIDEKICKS 0.63 CAL/ML

Ingredients

Water, Sugar, Milk Protein Concentrate, Soy Oil, Short-Chain Fructooligosaccharides, Soy Protein Isolate; **Less than 0.5% of:** Cellulose Gel, Whey Protein Concentrate, Potassium Citrate, Natural And Artificial Flavor, Potassium Chloride, Magnesium Phosphate, Calcium Phosphate, Salt, Potassium Phosphate, Calcium Carbonate, Cellulose Gum, Choline Chloride, Ascorbic Acid, Carrageenan, Soy Lecithin, Monoglycerides, Potassium Hydroxide, m-Inositol, Taurine, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, L-Carnitine, Zinc Sulfate, Calcium Pantothenate, Niacinamide, Manganese Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Cupric Sulfate, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Potassium Iodide, Sodium Selenate, Sodium Molybdate, Phylloquinone, Vitamin D₃ and Cyanocobalamin. (FAN 8990-01)

Contains milk and soy ingredients.

[‡] Not for children with galactosemia

[§] Values extrapolated from 8 fl oz.

^{||} Includes 2.4g from short-chain fructooligosaccharides per 8 fl oz.

HCPCS Code B4158
www.AbbottNutrition.com
Use under medical supervision.

PediaSure SideKicks® Clear



Features

- 120 Calories per 6.8 fl-oz serving
 - 6 g protein per serving
 - 19 essential vitamins and minerals, including 3 essential antioxidants—vitamins C & E and selenium
 - Suitable for a clear liquid diet
- No artificial colors, flavors, or preservatives
- Suitable for a fat-restricted diet
- Kosher, Halal [®], suitable for lactose intolerance,* gluten-free, low-residue
- Kid approved taste!

Usage

PediaSure SideKicks Clear is a clear nutritional drink for children ages 1-13 years old that can be used as a source of supplemental nutrition.

- Formulated for supplemental use only
- Not for IV use
- Not for use as a sole source of nutrition or tube feeding
- For children under 3 years of age, no more than one serving per day
- Not intended for infants under 1 year of age unless specified by a physician

Availability (See pages 167 for retail list numbers)

Flavor	List No.	NDC Format Code
— 6.8-fl-oz carton; 32/case		
Tropical Fruit	62309	70074-0623-10
Wild Berry [®]	62311	70074-0623-12

* Not for children with galactosemia

PEDIASURE SIDEKICKS CLEAR

Technical Data		Nutrition Information (Tropical Fruit)		6.8 fl oz (200 mL)		6.8 fl oz (200 mL)	
Nutrient Density (Cal/mL)	0.6	Calories	120	Zinc, mg		3	
Protein (% Cal)	20	Protein, g	6	Manganese, mg		0.7	
Carbohydrate (% Cal)	80	Total Carbohydrate, g	24	Copper, mg		0.2	
Fat (% Cal)	0	Dietary Fiber, g	0	Iodine, mcg		23	
Kosher	Yes	Sugars, g	9	Selenium, mcg		11	
Halal (Wild Berry only)	Yes	Total Fat, mg	0	Chromium, mcg		12	
Gluten-Free	Yes	Cholesterol, mg	5	Molybdenum, mcg		26	
Low-Residue	Yes	Water, g	180	Sodium, mg		25	
Suitable for Lactose Intolerance*	Yes	Vitamin A, IU	1000	Potassium, mg		0	
Osmolality, mOsm/kg H ₂ O	325	Vitamin D ₃ , IU	40				
Potential Renal Solute Load, mOsm/L	150	Vitamin E, IU	4.5				
Viscosity		Vitamin K, mcg	12				
Thin (Room Temperature)		Vitamin C, mg	18				
Thin (Chilled)		Folic Acid, mcg	40				
		Thiamin (Vit B ₁), mg	0.3				
		Riboflavin (Vit B ₂), mg	0.3				
		Vitamin B ₆ , mg	0.3				
		Vitamin B ₁₂ , mcg	0.9				
		Niacin, mg	1.6				
		Biotin, mcg	30				
		Pantothenic Acid, mg	0.6				
		Calcium, mg	0				
		Phosphorus, mg	10				
		Magnesium, mg	0				
		Iron, mg	1.8				

PEDIASURE SIDEKICKS CLEAR Ingredients

(Tropical Fruit): Water, Corn Maltodextrin, Sugar, Whey Protein Isolate; **Less than 0.5% of:** Natural Flavor, Citric Acid, Ascorbic Acid, Sucralose, Acesulfame Potassium, Zinc Sulfate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Manganese Sulfate, Calcium Pantothenate, Cupric Sulfate, Folic Acid, Vitamin A Palmitate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Chromium Chloride, Sodium Molybdate, Biotin, Sodium Selenate, Potassium Iodide, Phylloquinone, Vitamin D₃ and Cyanocobalamin.

(FAN 9145-02)

Contains milk ingredients.

HCPCS Code B4155
www.AbbottNutrition.com
Use under medical supervision.

Perative®

Therapeutic, Peptide-based
Nutrition for Metabolic Stress



Usage

PERATIVE is designed for metabolically stressed patients who can benefit from an enteral formula supplemented with arginine.

- For tube feeding
- For supplemental or sole-source nutrition
- Not for IV use

Features

- Calorically dense (1.3 Cal/mL) for the elevated energy needs of metabolically stressed patients
- High in protein (20.5% of calories) for the elevated protein needs of metabolically stressed patients

- Hydrolyzed, Peptide-based protein system for easier absorption. Well tolerated as a tube feeding¹⁻²
- 1.6 g of NutraFlora® scFOS®/8 fl oz (6.5 g/L and 9.8 g/1500 mL). scFOS are prebiotic soluble fibers that stimulate the growth of beneficial bacteria in the colon (See page 129 for more about scFOS.)
- Added arginine (8 g/L total arginine at 2.5% of total calories) for wound healing and immune support
- Meets or exceeds 100% of the RDI for 24 vitamins and minerals in 1500 Cal (1155 mL)
- Kosher, Halal, suitable for lactose intolerance,* gluten-free, low-residue

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Unflavored	50628	70074-0506-29
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62723	70074-0627-23
— Ready-To-Hang 1500-mL prefilled containers; 6/case		
Unflavored	62721	70074-0627-21

* Not for people with galactosemia
NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

PERATIVE

Technical Data	
Nutrient Density (Cal/mL)	1.3
Protein (% Cal)	20.5
Carbohydrate (% Cal)	54.5
Fat (% Cal)	25.0
MCT:LCT	40:60
n6:n3	4.8:1
Cal to meet 100% RDIs	1500
mL to meet 100% RDIs	1155
Kosher, Halal	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance*	Yes
Low-Residue	Yes
Total Cal/g Nitrogen	122:1
Nonprotein Cal/g Nitrogen	97:1
Osmolality, mOsm/kg H ₂ O	460
Renal Solute Load, mOsm/L	539
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8

Nutrition Information	8 fl oz			1000 mL			
	8 fl oz	1000 mL	1500 mL	8 fl oz	1000 mL	1500 mL	
Calories	308	1300	1950	Potassium, mg	410	1735	2600
Protein, g	15.8	66.7	100.0	Potassium, mEq	10.5	44.4	66.7
Total Carbohydrate, g	42.8	180.3	270.4	Chloride, mg	390	1650	2470
Dietary Fiber, g	1.6	6.5	9.8	Chloride, mEq	11.0	46.6	69.8
scFOS, g	1.6	6.5	9.8	Calcium, mg	210	870	1305
Total Fat, g	8.8	37.3	56.0	Phosphorus, mg	210	870	1305
Water, g/mL/cc	187	790	1185	Magnesium, mg	83	350	525
Vitamin A, IU	2055	8675	13,005	Iodine, mcg	31	135	200
Beta-Carotene, mg	1.0	4.2	6.3	Manganese, mg	1.1	4.4	6.5
Vitamin D, IU	83	350	525	Copper, mg	0.42	1.8	2.6
Vitamin E, IU	9.3	40	60	Zinc, mg	4.7	20	30
Vitamin K, mcg	17	70	105	Iron, mg	3.7	16.0	24.0
Vitamin C, mg	62	260	395	Selenium, mcg	15	61	92
Folic Acid, mcg	125	520	785	Chromium, mcg	25	105	160
Thiamin (Vit B ₁), mg	0.47	2.0	3.0	Molybdenum, mcg	31	135	200
Riboflavin (Vit B ₂), mg	0.53	2.3	3.4	L-Carnitine, mg	31	135	200
Vitamin B ₆ , mg	0.62	2.6	3.9	Taurine, mg	31	135	200
Vitamin B ₁₂ , mcg	1.9	7.9	12.0				
Niacin, mg	6.2	27	40				
Choline, mg	125	520	785				
Biotin, mcg	93	395	590				
Pantothenic Acid, mg	3.1	14	20				
Sodium, mg	245	1040	1560				
Sodium, mEq	10.7	45.2	67.8				

1. Brown RO et al. *Pharmacother* 1994;14:314-320.
 2. Henningfield MF et al. *FASEB J* 1993;7(3):A377.

PERATIVE Ingredients

Water, Corn Maltodextrin, Partially Hydrolyzed Sodium Caseinate, Whey Protein Hydrolysate, Canola Oil, Medium-chain Triglycerides, Fructooligosaccharides, L-Arginine, Corn Oil, Magnesium Chloride, Potassium Citrate, Calcium Phosphate, Citric Acid, Soy Lecithin, Ascorbic Acid, Potassium Phosphate, Choline Chloride, Carrageenan, Potassium Chloride, Taurine, L-Carnitine, Zinc Sulfate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Beta-Carotene, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.

(FAN 9075-03)

Contains milk and soy ingredients.

Pivot® 1.5 Cal

Therapeutic, Peptide-based,
Very-High-Protein Nutrition for
Metabolic Stress



Usage

PIVOT 1.5 CAL is designed for metabolically stressed surgical, trauma, burn, or head and neck cancer patients who could benefit from an immune modulating enteral formula.

- For tube feeding
- For sole-source nutrition
- Not for IV use

Features

- Supported by 2009 Critical Care Nutrition Guidelines E1, C4, C5¹ (See pages 152–161)
- Provides 1.5 Cal/mL—concentrated calories for fluid-restricted patients
- Provides very high protein (93.8 g/L, 25% of calories) to support protein synthesis, tissue repair, and wound healing

- Immune support
 - Arginine (13 g/L, 3.5% of calories) to support proliferation and function of immune cells
 - Glutamine (inherent) (7.6 g/L) for GI-tract integrity and energy for immune cells
 - Omega-3 fatty acids (EPA, 2.6 g/L; DHA, 1.1 g/L) to help modulate inflammation and support immune function^{2,3}
- Tolerance
 - Advanced blend of hydrolyzed protein, structured lipid, and prebiotic (NutraFlora® scFOS®), to promote absorption and tolerance
 - Hydrolyzed, peptide-based protein system
 - MCT/fish oil structured lipid, a well-tolerated^{4,5} and absorbed⁵ next generation fat to promote absorption of fatty acids
 - 1.8 g of NutraFlora scFOS/8 fl oz (7.5 g/L). scFOS are prebiotic soluble fibers that stimulate the growth of beneficial bacteria in the colon (See page 129 for more about scFOS.)
- Elevated antioxidants vitamin C, vitamin E, and beta-carotene
- Meets or exceeds 100% of the RDI for 24 vitamins and minerals in 1500 Cal (1000 mL)
- Halal, suitable for lactose intolerance,* gluten-free, low-residue

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz cans; 24/case		
Unflavored	58013	70074-0580-14
– Ready-To-Hang 1000-mL prefilled containers; 8/case		
Unflavored	62719	70074-0627-19

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

PIVOT 1.5 CAL

Technical Data		Nutrition Information					
		8 fl oz	1000 mL	8 fl oz	1000 mL		
Nutrient Density (Cal/mL)	1.5						
Protein (% Cal)	25.0	Calories	355	1500	Potassium, mg	475	2000
Carbohydrate (% Cal)	45.0	Protein, g	22.2	93.8	Potassium, mEq	12.2	51.3
Fat (% Cal)	30.0	Total Carbohydrate, g	40.9	172.4	Chloride, mg	380	1600
MCT:LCT	20:80	Dietary Fiber, g	1.8	7.5	Chloride, mEq	10.7	45.2
n6:n3	1.7:1	scFOS, g	1.8	7.5	Calcium, mg	240	1000
Cal to meet 100% RDIs	1500	Total Fat, g	12.0	50.8	Phosphorus, mg	240	1000
mL to meet 100% RDIs	1000	Water, g/mL/cc	180	759	Magnesium, mg	95	400
Kosher	No	Vitamin A, IU	2370	10,000	Iodine, mcg	36	150
Halal	Yes	Beta-Carotene, mg	1.2	4.8	Manganese, mg	1.2	5.0
Gluten-Free	Yes	Vitamin D, IU	95	400	Copper, mg	0.48	2.0
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	60	250	Zinc, mg	6.0	25
Low-Residue	Yes	Vitamin K, mcg	19	80	Iron, mg	4.3	18
Total Cal/g Nitrogen	100:1	Vitamin C, mg	72	300	Selenium, mcg	17	70
Nonprotein Cal/g Nitrogen	75:1	Folic Acid, mcg	145	600	Chromium, mcg	29	120
Osmolality, mOsm/kg H ₂ O	595	Thiamin (Vit B ₁), mg	0.54	2.3	Molybdenum, mcg	36	150
Renal Solute Load, mOsm/L	692	Riboflavin (Vit B ₂), mg	0.61	2.6	L-Carnitine, mg	36	150
Minimum Tube Size for Pump Feeding, Fr (Gravity feeding is not recommended.)	8	Vitamin B ₆ , mg	0.71	3.0	Taurine, mg	36	150
		Vitamin B ₁₂ , mcg	2.2	9.0			
		Niacin, mg	7.1	30			
		Choline, mg	145	600			
		Biotin, mcg	110	450			
		Pantothenic Acid, mg	3.6	15			
		Sodium, mg	330	1400			
		Sodium, mEq	14.3	60.9			

PIVOT 1.5 CAL Ingredients

Water, Corn Syrup Solids, Hydrolyzed Sodium Caseinate, Whey Protein Hydrolysate, Structured Lipid (Interesterified Marine Oil [Contains One or More of the Following: Anchovy, Menhaden, Salmon, Sardine, Tuna] and Medium-chain Triglycerides), Soy Oil, Canola Oil, L-Arginine, Fructooligosaccharides, Potassium Citrate, Citric Acid, Calcium Phosphate, Magnesium Chloride, Soy Lecithin, Natural and Artificial Flavor, Ascorbic Acid, Cellulose Gel, Choline Chloride, Magnesium Phosphate, Potassium Chloride, Carrageenan, Taurine, d-Alpha-Tocopheryl Acetate, L-Carnitine, Cellulose Gum, Zinc Sulfate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Beta-Carotene, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin and Vitamin D₃. (FAN 9075-03)

Contains milk and soy ingredients.

HCPCS Code B4153
www.AbbottNutrition.com

Polydose®

Glucose Polymer Module



Usage

POLYDOSE is an easily digested source of carbohydrate calories for use when additional calories are required.

- For tube or oral feeding
- Not for parenteral use
- POLYDOSE is not a balanced diet and is not for use as a sole source of nutrition
- Do not feed concentrated solutions of POLYDOSE powder

Features

- Ideal for use in protein-, electrolyte-, or fat-restricted diets
- Rapid absorption (peak glucose response in 30 minutes)
- Reduced osmolality and lowered potential for osmotic diarrhea
- Approximate osmotic contribution to a solution that it is mixed into is 1.6 mOsm/g
- Low renal solute load—0.13 mOsm/g
- Powder displacement is 0.63 mL/g
- Kosher, Halal; gluten-free, lactose-free, low-residue

Availability

Flavor _____ List No. _____ NDC Format Code _____

— Powder 12.3-oz (350-g) cans; 6/case

Unflavored 00746 70074-0607-46

ProMod[®] Liquid Protein



Usage

PROMOD LIQUID PROTEIN is a great-tasting medical food that provides a concentrated source of protein for people with increased protein needs. Indications include wounds, protein-energy malnutrition (PEM), involuntary weight loss (IWL), pre- and post-surgery, anorexia, stress, trauma, cancer, and burns.

- Use orally or with tube feeding
- PROMOD LIQUID PROTEIN is not a balanced diet and is not for use as a sole source of nutrition
- Collagen protein hydrolysate has been clinically shown to help improve pressure ulcer healing¹
- PROMOD LIQUID PROTEIN can be given to patients with diabetes

– One 1-oz serving = 1 Starch + 1 Very-Lean Meat exchange

Exchanges for 1 serving PROMOD LIQUID PROTEIN

Exchanges	Cal	Carbohydrate (g)	Protein (g)	Fat (g)
1 Starch	80	15	3	–
1 Very-Lean Meat	35	–	7	0–1
Total from Exchanges	115	15	10	0–1

Features

- 100 Cal and 10 g of protein per oz
- Hydrolyzed collagen as a protein source
- Provides all essential amino acids
- Glycerine as a carbohydrate source, and no simple sugars
- 55 mg sodium per oz, making it low in sodium
- No fat
- Fortified with tryptophan, an essential amino acid
- Lactose- and gluten-free, low-residue

Availability

Flavor _____ List No. _____ NDC Format Code _____

– **32-fl-oz bottle; 6/case**

Fruit Punch 59721 70074-0597-22

1. Lee SK et al. Adv Skin Wound Care 2006;19(92):94-96.

PROMOD LIQUID PROTEIN

Technical Data

Protein (% Cal)	40
Carbohydrate (% of Cal)	60
Fat (% of Cal)	0
Kosher, Halal	No
Gluten-Free	Yes
Lactose-Free	Yes
Low-Residue	Yes
Viscosity	
Nectar-like (Room Temperature)	
Renal Solute Load (mOsm/L)	59.9

Recommended preparation for tube feeding:

- Place 1 oz (30 mL) of Liquid ProMod in a clean 4- to 6-oz (120- to 180-mL) container
- Add 1–2 oz (30–60 mL) water
- Mix well with disposable spoon or tongue blade
- Flush feeding tube with 1 oz (30 mL) water
- Administer Liquid ProMod with 2 oz (60 mL) or larger syringe
- Flush with additional 1 oz (30 mL) water
- Should not be mixed with a tube-feeding formula due to curdling

Recommendation for mixing with food:

ProMod® Liquid Protein has a fruit punch flavor and may be more palatable mixed with foods such as applesauce, vanilla yogurt, vanilla pudding, or vanilla ice cream.

Nutrition Information

	1-oz (30-mL) Serving Size
Calories	100
Calories per mL	3.3
Protein, g	10
Fat, g	0
Total Carbohydrate, g	14
Glycerine, g	13
Sodium, mg	55
Potassium, mg	20
Phosphorus, mg	95

Typical Amino Acid Profile

	g/100 g of Protein
Essential Amino Acids:	
Isoleucine	1.3
Leucine	2.9
Lysine	3.4
Methionine	0.7
Phenylalanine	1.8
Threonine	1.8
Tryptophan	0.5
Valine	2.3
Nonessential Amino Acids:	
Alanine	9.4
Aspartic Acid	5.4
Glycine	24.1
Proline	13.1
Serine	3.0
Tyrosine	0.2
Conditionally Essential Amino Acids:	
Arginine	6.6
Cystine	0
Glutamic Acid	9.7
Histidine	0.4

PROMOD LIQUID PROTEIN Ingredients

Glycerine, Hydrolyzed Beef Collagen, Water, Malic Acid, Citric Acid, Phosphoric Acid, Natural and Artificial Flavors, L-Tryptophan, Potassium Sorbate, and Sodium Benzoate. (FAN 8689-01)

NOTICE: Use this product as a food supplement only. Do not use for weight reduction.

Promote®

Very-High-Protein Nutrition



Usage

PROMOTE is a complete, balanced, very-high-protein formula for patients who need a higher proportion of calories from protein. It is ideal for patients with low caloric needs and those at risk for protein-energy malnutrition or pressure ulcers.

- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for IV use

Features

- Very high in protein (25% of Cal, 14.8 g/8 fl oz). Protein is needed for lean body tissue maintenance and repair
- Meets or exceeds 100% of the RDI for 24 essential vitamins and minerals in 1000 Cal (1 liter)
- Fat blend has safflower, MCT, soy oils, and soy lecithin. Patients who absorb lipids improperly may benefit from consuming a formula that contains medium-chain triglycerides (MCTs) as part of the fat source
- 1 Cal/mL
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* without fiber

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz cans; 24/case		
Vanilla	50774	70074-0507-75
— Ready-To-Hang 1000-mL prefilled containers; 8/case		
Vanilla	62701	70074-0627-01
— Ready-To-Hang 1500-mL prefilled containers; 6/case		
Vanilla	62707	70074-0627-07

* Not for people with galactosemia

PROMOTE

Technical Data	
Nutrient Density (Cal/mL)	1.0
Protein (% Cal)	25.0
Carbohydrate (% Cal)	52.0
Fat (% Cal)	23.0
MCT:LCT	19:81
n6:n3	9.8:1
Cal to meet 100% RDIs	1000
mL to meet 100% RDIs	1000
Kosher, Halal	Yes
Gluten-Free	Yes
Suitable for Lactose Intolerance*	Yes
Low-Residue	Yes
Total Cal/g Nitrogen	100:1
Nonprotein Cal/g Nitrogen	75:1
Osmolality, mOsm/kg H ₂ O	340
Renal Solute Load, mOsm/L	486
Viscosity	
Thin (Room Temperature)	
Thin (Chilled)	
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8

Nutrition Information	8 fl oz			1000 mL			1500 mL		
	8 fl oz	1000 mL	1500 mL	8 fl oz	1000 mL	1500 mL	8 fl oz	1000 mL	1500 mL
Calories	237	1000	1500	Chloride, mg	300	1260	1890		
Protein, g	14.8	62.5	93.8	Chloride, mEq	8.5	35.6	53.4		
Total Carbohydrate, g	30.8	130.0	195.0	Calcium, mg	285	1200	1800		
Total Fat, g	6.2	26.0	39.0	Phosphorus, mg	285	1200	1800		
Water, g/mL/cc	198	839	1259	Magnesium, mg	95	400	600		
Vitamin A, IU	1720	7250	10,875	Iodine, mcg	36	150	225		
Beta-Carotene, mg	0.40	1.7	2.6	Manganese, mg	1.2	5.0	7.5		
Vitamin D, IU	95	400	600	Copper, mg	0.48	2.0	3.0		
Vitamin E, IU	11	45	68	Zinc, mg	5.7	24	36		
Vitamin K, mcg	19	80	120	Iron, mg	4.3	18	27		
Vitamin C, mg	82	345	515	Selenium, mcg	17	70	105		
Folic Acid, mcg	145	600	900	Chromium, mcg	29	120	180		
Thiamin (Vit B ₁), mg	0.54	2.3	3.5	Molybdenum, mcg	36	150	225		
Riboflavin (Vit B ₂), mg	0.61	2.6	3.9	L-Carnitine, mg	36	150	225		
Vitamin B ₆ , mg	0.72	3.0	4.5	Taurine, mg	36	150	225		
Vitamin B ₁₂ , mcg	2.2	9.0	14						
Niacin, mg	7.2	30	45						
Choline, mg	145	600	900						
Biotin, mcg	110	450	675						
Pantothenic Acid, mg	3.6	15	23						
Sodium, mg	240	1000	1500						
Sodium, mEq	10.4	43.5	65.2						
Potassium, mg	470	1980	2970						
Potassium, mEq	12.0	50.8	76.1						

PROMOTE Ingredients

Water, Corn Maltodextrin, Sodium Caseinate, Soy Protein Isolate, Soy Oil, Sugar, Medium-chain Triglycerides, Safflower Oil, Calcium Citrate, Natural and Artificial Flavors, Magnesium Phosphate, Potassium Citrate, Potassium Chloride, Calcium Phosphate, Soy Lecithin, Ascorbic Acid, Choline Chloride, Sodium Citrate, Taurine, L-Carnitine, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.
(FAN 9075-04)

Contains milk and soy ingredients.

Promote[®] With Fiber

Very-High-Protein Nutrition
With Fiber



Usage

PROMOTE WITH FIBER is a complete, balanced, very-high-protein, and fiber-fortified formula for patients who need a higher proportion of calories from protein. It is ideal for patients with low caloric and/or wound-healing needs and those at risk for protein-energy malnutrition or pressure ulcers.

- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for IV use

* Not for people with galactosemia

Features

- Very high in protein (25% of Cal, 14.8 g/8 fl oz) from sodium and calcium caseinates and soy protein isolate. Protein is needed for lean body mass maintenance and repair
- Fiber blend of 85% oat fiber and 15% soy fiber to provide a product low in viscosity and high in dietary fiber (14.4 g/L). Fiber helps moderate bowel function
- Meets or exceeds 100% of the RDI for 24 essential vitamins and minerals in 1000 Cal (1 liter)
- Fat blend has safflower, MCT, soy oils, and soy lecithin. Patients who absorb lipids improperly may benefit from consuming a formula that contains medium-chain triglycerides (MCTs) as part of the fat source
- 1 Cal/mL
- Kosher, Halal, gluten-free, suitable for lactose intolerance*

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz cans; 24/case		
Vanilla	51872	70074-0518-73
– Ready-To-Hang 1000-mL prefilled containers; 8/case		
Vanilla	62703	70074-0627-03
– Ready-To-Hang 1500-mL prefilled containers; 6/case		
Vanilla	62705	70074-0627-05

PROMOTE WITH FIBER

Technical Data		Nutrition Information							
		8 fl oz	1000 mL	1500 mL		8 fl oz	1000 mL	1500 mL	
Nutrient Density (Cal/mL)	1.0								
Protein (% Cal)	25.0	Calories	237	1000	1500	Chloride, mg	300	1260	1890
Carbohydrate (% Cal)	50.0	Protein, g	14.8	62.5	93.8	Chloride, mEq	8.5	35.6	53.4
Fat (% Cal)	25.0	Total Carbohydrate, g	32.8	138.3	207.2	Calcium, mg	285	1200	1800
MCT:LCT	19:81	Dietary Fiber, g	3.4	14.4	21.6	Phosphorus, mg	285	1200	1800
n6:n3	9.8:1	Total Fat, g	6.7	28.2	42.4	Magnesium, mg	95	400	600
Cal to meet 100% RDIs	1000	Water, g/mL/cc	197	831	1247	Iodine, mcg	36	150	225
mL to meet 100% RDIs	1000	Vitamin A, IU	1720	7250	10,875	Manganese, mg	1.2	5.0	7.5
Kosher, Halal	Yes	Beta-Carotene, mg	0.40	1.7	2.6	Copper, mg	0.48	2.0	3.0
Gluten-Free	Yes	Vitamin D, IU	95	400	600	Zinc, mg	5.7	24	36
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	11	45	68	Iron, mg	4.3	18	27
Low-Residue	No	Vitamin K, mcg	19	80	120	Selenium, mcg	17	70	105
Total Cal/g Nitrogen	100:1	Vitamin C, mg	81	340	510	Chromium, mcg	29	120	180
Nonprotein Cal/g Nitrogen	75:1	Folic Acid, mcg	145	600	900	Molybdenum, mcg	36	150	225
Osmolality, mOsm/kg H ₂ O	380	Thiamin (Vit B ₁), mg	0.54	2.3	3.5	L-Carnitine, mg	36	150	225
Renal Solute Load, mOsm/L	499	Riboflavin (Vit B ₂), mg	0.61	2.6	3.9	Taurine, mg	36	150	225
Viscosity		Vitamin B ₆ , mg	0.72	3.0	4.5				
Nectar-like (Room Temperature)		Vitamin B ₁₂ , mcg	2.2	9.0	14				
Nectar-like (Chilled)		Niacin, mg	7.2	30	45				
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Choline, mg	145	600	900				
		Biotin, mcg	110	450	675				
		Pantothenic Acid, mg	3.6	15	23				
		Sodium, mg	310	1300	1950				
		Sodium, mEq	13.5	56.5	84.8				
		Potassium, mg	500	2100	3150				
		Potassium, mEq	12.8	53.8	80.8				

PROMOTE WITH FIBER

Ingredients

Water, Corn Maltodextrin, Sodium and Calcium Caseinates, Soy Protein Isolate, Sugar, Soy Oil, Oat Fiber, Medium-chain Triglycerides, Safflower Oil, Natural and Artificial Flavors, Calcium Phosphate, Soy Fiber, Magnesium Phosphate, Potassium Citrate, Sodium Citrate, Potassium Chloride, Soy Lecithin, Ascorbic Acid, Choline Chloride, Taurine, L-Carnitine, Gellan Gum, Zinc Sulfate, dl-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Beta-Carotene, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.
(FAN 9075-04)

Contains milk and soy ingredients.

Pulmocare®

Therapeutic Nutrition for People
With COPD



Usage

PULMOCARE is designed for people with chronic obstructive pulmonary disease (COPD), cystic fibrosis, or respiratory failure who may benefit from a high-calorie, modified carbohydrate and fat, enteral formula that may help reduce diet-induced carbon dioxide production.

- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for IV use

Features

- Provides complete and balanced nutrition
- 20% of fat as MCT to enhance fat absorption
- Elevated antioxidants vitamin C, vitamin E, and beta-carotene
- Meets or exceeds 100% of the RDI for 24 vitamins and minerals in 1420 Cal (947 mL)
- Kosher, Halal, suitable for lactose intolerance,* gluten-free, low-residue

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz cans; 24/case		
Vanilla	00699	70074-0406-99
– Ready-To-Hang 1000-mL prefilled containers; 8/case		
Vanilla	62725	70074-0627-25

* Not for people with galactosemia

Technical Data		Nutrition Information							
		8 fl oz		1000 mL		8 fl oz		1000 mL	
Nutrient Density (Cal/mL)	1.5	Calories	355	1500	Chloride, mg	400	1690		
Protein (% Cal)	16.7	Protein, g	14.8	62.6	Chloride, mEq	11.3	47.7		
Carbohydrate (% Cal)	28.2	Total Carbohydrate, g	25.0	105.7	Calcium, mg	250	1060		
Fat (% Cal)	55.1	Total Fat, g	22.1	93.3	Phosphorus, mg	250	1060		
MCT:LCT	20:80	Water, g/mL/cc	186	785	Magnesium, mg	100	425		
n6:n3	4:1	Vitamin A, IU	2840	11,910	Iodine, mcg	38	160		
Cal to meet 100% RDIs	1420	Beta-Carotene, mg	1.2	5.0	Manganese, mg	1.3	5.3		
mL to meet 100% RDIs	947	Vitamin D, IU	100	425	Copper, mg	0.50	2.2		
Kosher, Halal	Yes	Vitamin E, IU	20	85	Zinc, mg	5.7	24		
Gluten-Free	Yes	Vitamin K, mcg	20	85	Iron, mg	4.5	19		
Suitable for Lactose Intolerance*	Yes	Vitamin C, mg	75	320	Selenium, mcg	18	74		
Low-Residue	Yes	Folic Acid, mcg	200	845	Chromium, mcg	30	130		
Total Cal/g Nitrogen	150:1	Thiamin (Vit B ₁), mg	0.75	3.2	Molybdenum, mcg	38	160		
Nonprotein Cal/g Nitrogen	125:1	Riboflavin (Vit B ₂), mg	0.85	3.6	L-Carnitine, mg	36	160		
Osmolality, mOsm/kg H ₂ O	475	Vitamin B ₆ , mg	1.0	4.3	Taurine, mg	36	160		
Renal Solute Load, mOsm/L	512	Vitamin B ₁₂ , mcg	3.0	13					
Viscosity		Niacin, mg	10	43					
Thin (Room Temperature)		Choline, mg	150	635					
Nectar-like (Chilled)		Biotin, mcg	150	635					
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Pantothenic Acid, mg	5.0	22					
		Sodium, mg	310	1310					
		Sodium, mEq	13.5	57.0					
		Potassium, mg	465	1960					
		Potassium, mEq	11.9	50.2					

**PULMOCARE
Ingredients**

Water, Sodium and Calcium Caseinates, Sugar, Canola Oil, Corn Maltodextrin, Medium-chain Triglycerides, Corn Oil, High Oleic Safflower Oil, Magnesium Chloride, Calcium Phosphate, Soy Lecithin, Potassium Citrate, Natural and Artificial Flavors, Sodium Citrate, Potassium Phosphate, Ascorbic Acid, Choline Chloride, Taurine, L-Carnitine, Gellan Gum, Salt, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Beta-Carotene, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃.
(FAN 9075-03)

Contains milk and soy ingredients.

Suplena® with Carb Steady®

Therapeutic Nutrition for People With Chronic Kidney Disease (Stages 3 & 4)



Usage

SUPLINA with Carb Steady is therapeutic nutrition specifically designed for people with chronic kidney disease (stages 3 and 4).

- For tube or oral feeding
- For supplemental or sole-source nutrition

Features

- Therapeutic nutrition that can help people with chronic kidney disease (stages 3 and 4) maintain their nutritional status while adhering to their renal diets
- Has Carb Steady carbohydrate blend designed to help manage blood glucose response
- High in calories — 1.8 Cal/mL
- Low in protein (10% of total calories)
- Low in phosphorus, potassium, and sodium
- Good source of fiber, including prebiotics
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz cans; 24/case		
Homemade Vanilla.	62088	70074-0620-89

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

SUPLENA with Carb Steady

Technical Data		Nutrition Information							
		8 fl oz (237 mL)		1000 mL*		8 fl oz (237 mL)		1000 mL*	
Nutrient Density (Cal/mL)	1.8	Calories	425	1795	Choline, mg	150	633		
Protein (% Cal)	10	Protein, g	10.6	45	Biotin, mcg	120	506		
Carbohydrate (% Cal)	42	Total Carbohydrate, g	46.4	196	Pantothenic Acid, mg	3.8	16		
Fat (% Cal)	48	Dietary Fiber, g	3	12.7	Sodium, mg	190	802		
n6:n3	5.2:1	scFOS®, g	2	8.4	Sodium, mEq	8.3	35.0		
Cal to meet 100% RDIs	1700	Sugars, g	14.8	62	Potassium, mg	270	1139		
mL to meet 100% RDIs	944	Glycerine, g	2.6	11	Potassium, mEq	6.9	29.1		
Kosher, Halal	Yes	Total Fat, g	22.7	96	Chloride, mg	220	928		
Gluten-Free	Yes	Saturated Fat, g	2.0	8.4	Chloride, mEq	6.2	26.2		
Suitable for Lactose Intolerance	Yes	Trans Fat, g	0.0	0	Calcium, mg	250	1055		
Low-Residue	Yes	Polyunsaturated Fat, g	4.1	17.3	Phosphorus, mg	170	717		
Total Cal/g Nitrogen	251:1	Monounsaturated Fat, g	16.1	67.9	Magnesium, mg	50	211		
Nonprotein Cal/g Nitrogen	239:1	Cholesterol, mg	5.8	24.5	Iodine, mcg	38	160		
Osmolality, mOsm/kg H ₂ O	780	Water, g/mL/cc	175	738	Manganese, mg	0.5	2.1		
Renal Solute Load, mOsm/L	344	Vitamin A, IU	750	3165	Copper, mg	0.5	2.1		
Viscosity		Vitamin D, IU	20	84	Zinc, mg	6.4	27		
Nectar-like (Room Temperature)		Vitamin E, IU	23	97	Iron, mg	4.5	19		
Nectar-like (Chilled)		Vitamin K, mcg	20	84	Selenium, mcg	18	76		
Minimum Tube Size for Pump Feeding, Fr	8	Vitamin C, mg	25	106	Chromium, mcg	30	127		
(Gravity feeding is not recommended.)		Folic Acid, mcg	250	1055	Molybdenum, mcg	19	80		
		Thiamin (Vit B ₁), mg	0.56	2.4	L-Carnitine, mg	63	266		
		Riboflavin (Vit B ₂), mg	0.64	2.7	Taurine, mg	38	160		
		Vitamin B ₆ , mg	2.0	8.4					
		Vitamin B ₁₂ , mcg	2.3	9.7					
		Niacin, mg	7.5	32					

* 1000-mL values calculated as 1-L container not available.

SUPLENA with Carb Steady Ingredients

Water, Corn Maltodextrin, High Oleic Safflower Oil, Milk Protein Isolate, Isomaltulose, Sugar, Canola Oil, Sodium Caseinate, Glycerine, Short-Chain Fructooligosaccharides; **Less Than 1.0% of:** Soy Lecithin, Natural and Artificial Flavor, Potassium Citrate, Sodium Citrate, Magnesium Chloride, Choline Chloride, Magnesium Phosphate, Calcium Carbonate, Ascorbic Acid, L-Carnitine, Calcium Phosphate, Carrageenan, Potassium Chloride, Taurine, Salt, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Pyridoxine Hydrochloride, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Chromium Chloride, Biotin, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin and Vitamin D₃.
(FAN 8956-03)

Contains milk and soy ingredients.

HCPCS Code B4154
www.AbbottNutrition.com
 Use under medical supervision.

TwoCal® HN

Calorie and protein dense nutrition



Usage

TWOCAL HN is a nutritionally complete, high-calorie formula designed to meet the increased protein and calorie needs of stressed patients and patients requiring low-volume feedings.

- For tube or oral feeding
- Often provided in 2-fl-oz amounts QID with Med Pass programs to assist with weight gain or maintenance
- For supplemental or sole-source nutrition
- Not for IV use

Features

- 2 Cal/mL to help patients gain and maintain healthy weight
- Protein to help support lean body mass and wound healing
- Meets or exceeds 25% of the RDI for 24 essential vitamins and minerals in 8 fl oz
- 1.2 g of NutraFlora® scFOS®/8 fl oz (5 g/L). scFOS are prebiotics that stimulate the growth of beneficial bacteria in the colon
- Kosher, Halal, gluten-free, suitable for lactose intolerance,* low-residue

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
– 8-fl-oz cans; 24/case		
Vanilla	00729	70074-0407-29
Butter Pecan	54064	70074-0540-65
– Ready-To-Hang 1000-mL prefilled containers; 8/case		
Vanilla	62709	70074-0627-09

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

Technical Data		Nutrition Information					
(Vanilla)		(Vanilla)		(Vanilla)			
		8 fl oz	1000 mL	8 fl oz	1000 mL		
Nutrient Density (Cal/mL)	2.0	Calories	475	2000	Chloride, mg	430	1810
Protein (% Cal)	16.7	Protein, g	19.9	83.5	Chloride, mEq	12.1	51.2
Carbohydrate (% Cal)	43.2	Total Carbohydrate, g	51.8	218.5	Calcium, mg	250	1050
Fat (% Cal)	40.1	Dietary Fiber, g	1.2	5.0	Phosphorus, mg	250	1050
MCT:LCT	19:81	scFOS, g	1.2	5.0	Magnesium, mg	100	425
n6:n3	8.8:1	Total Fat, g	21.5	90.5	Iodine, mcg	38	160
Cal to meet 100% RDIs	1900	Water, g/mL/cc	166	700	Manganese, mg	1.3	5.3
mL to meet 100% RDIs	948	Vitamin A, IU	1250	5270	Copper, mg	0.50	2.1
Kosher, Halal	Yes	Vitamin D, IU	100	425	Zinc, mg	5.7	24
Gluten-Free	Yes	Vitamin E, IU	12	51	Iron, mg	4.5	19
Suitable for Lactose Intolerance*	Yes	Vitamin K, mcg	20	85	Selenium, mcg	18	74
Low-Residue	Yes	Vitamin C, mg	75	320	Chromium, mcg	30	130
Total Cal/g Nitrogen	149:1	Folic Acid, mcg	160	675	Molybdenum, mcg	38	160
Nonprotein Cal/g Nitrogen	126:1	Thiamin (Vit B ₁), mg	0.6	2.6	L-Carnitine, mg	38	160
Osmolality, mOsm/kg H ₂ O	725	Riboflavin (Vit B ₂), mg	0.68	2.9	Taurine, mg	38	160
Renal Solute Load, mOsm/L	656	Vitamin B ₆ , mg	0.80	3.4			
Viscosity		Vitamin B ₁₂ , mcg	2.4	10			
Nectar-like (Room Temperature)		Niacin, mg	8.0	34			
Nectar-like (Chilled)		Choline, mg	150	635			
Minimum Tube Size for Pump Feeding, Fr	8	Biotin, mcg	120	510			
(Gravity feeding is not recommended.)		Pantothenic Acid, mg	4.0	17			
		Sodium, mg	345	1450			
		Sodium, mEq	15	63.6			
		Potassium, mg	580	2440			
		Potassium, mEq	14.8	62.6			

**TWOCAL HN
Ingredients**

(Vanilla): Water, Corn Syrup Solids, Sodium and Calcium Caseinates, Corn Maltodextrin, High Oleic Safflower Oil, Sugar, Medium-Chain Triglycerides, Canola Oil, Fructooligosaccharides, Potassium Citrate, Magnesium Chloride, Calcium Phosphate, Natural and Artificial Flavors, Soy Lecithin, Sodium Citrate, Ascorbic Acid, Choline Chloride, Taurine, L-Carnitine, Zinc Sulfate, Ferrous Sulfate, dl-Alpha-Tocopheryl Acetate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Phylloquinone, Cyanocobalamin, and Vitamin D₃. (FAN 9075-08)

Contains milk and soy ingredients.

Vital® 1.0 Cal

Therapeutic Nutrition
to Support GI Tolerance



Usage

VITAL 1.0 CAL is a peptide-based, elemental formula for patients experiencing malabsorption, maldigestion, or impaired GI function and/or symptoms of GI intolerance.

- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for IV use

Features

- Supported by 2009 Critical Care Nutrition Guidelines E4, F4, K4.¹ (See page 152–161.)

- Designed to promote tolerance
 - Advanced blend of hydrolyzed protein, structured lipid, and prebiotic (NutraFlora® scFOS®) to support absorption and tolerance
 - Hydrolyzed, peptide-based protein system
 - MCT/canola oil structured lipid, a next-generation fat to promote absorption of fatty acids
 - 1 g of NutraFlora scFOS/8 fl oz (4.2 g/L). scFOS are prebiotic fibers that stimulate the growth of beneficial bacteria in the colon (See page 129 for more about scFOS.)
- Elevated antioxidants vitamins C and E to help reduce free radical damage
- Meets or exceeds 100% of the RDI for 24 essential vitamins and minerals in 1422 Cal (1422 mL)
- Suitable for lactose intolerance,* gluten-free, low-residue

Availability

Flavor	List No.	NDC Format Code
— 8-fl-oz cans; 24/case		
Vanilla	56277	70074-0562-78
— Ready-To-Hang 1000-mL prefilled containers, 8/case		
Vanilla	62711	70074-0627-11

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

VITAL 1.0 CAL

Technical Data		Nutrition Information					
		8 fl oz	1000 mL	8 fl oz	1000 mL		
Nutrient Density (Cal/mL)	1.0						
Protein (% Cal)	16	Calories	237	1000	Magnesium, mg	66	280
Carbohydrate (% Cal)	51	Protein, g	9.5	40.0	Manganese, mg	0.83	3.5
Fat (% Cal)	33	Total Fat, g	9.0	38.1	Iodine, mcg	25	105
MCT:LCT	47.5:52.5	Total Carbohydrate, g	30.7	130	Copper, mg	0.33	1.4
n6:n3	2.1:1	Dietary Fiber, g	1.0	4.2	Zinc, mg	5.0	21
Cal to meet 100% RDIs	1422	scFOS, g	1.0	4.2	Iron, mg	3.0	13
mL to meet 100% RDIs	1422	Water, g/mL/cc	199	842	Chromium, mcg	20	84
Kosher, Halal	No	Vitamin A, IU	1080	4570	Molybdenum, mcg	30	125
Gluten-Free	Yes	Vitamin D, IU	66	280	Selenium, mcg	13	56
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	17	70	Choline, mg	115	480
Low-Residue	Yes	Vitamin K, mcg	13	56	L-Carnitine, mg	25	105
Total Cal/g Nitrogen	156:1	Vitamin C, mg	83	350	Taurine, mg	25	105
Nonprotein Cal/g Nitrogen	131:1	Folic Acid, mcg	135	565			
Osmolality, mOsm/kg H ₂ O	390	Thiamin, (Vit B ₁) mg	0.50	2.1			
Renal Solute Load, mOsm/L	340	Riboflavin, (Vit B ₂) mg	0.56	2.4			
Viscosity		Niacin, mg	6.6	28			
Thin (Room Temperature)		Vitamin B ₆ , mg	1.0	4.2			
Thin (Chilled)		Vitamin B ₁₂ , mcg	2.0	8.4			
Minimum Tube Size for Gravity/Pump Feeding, Fr	10/8	Biotin, mcg	100	420			
		Pantothenic Acid, mg	3.3	14			
		Sodium, mg	250	1055			
		Potassium, mg	330	1400			
		Chloride, mg	250	1055			
		Calcium, mg	165	705			
		Phosphorus, mg	165	705			

1. McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2009;33(3):277-316.

VITAL 1.0 CAL

Ingredients

Water, Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil and Medium-chain Triglycerides), Sugar, Partially Hydrolyzed Sodium Caseinate, Canola Oil, Medium-chain Triglycerides, Short-chain Fructooligosaccharides, Natural and Artificial Flavors, Datem, Magnesium Phosphate, Calcium Carbonate, Potassium Citrate, Sodium Phosphate, Potassium Chloride, Cellulose Gel, Ascorbic Acid, Choline Chloride, Calcium Phosphate, Sodium Citrate, Carrageenan, Sucralose, Magnesium Chloride, Cellulose Gum, L-Carnitine, Taurine, d-Alpha-Tocopheryl Acetate, Zinc Sulfate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Cyanocobalamin, Phylloquinone, and Vitamin D₃. (FAN 9075-01)

Contains milk ingredients.

HCPCS Code B4153
www.AbbottNutrition.com

Vital® 1.5 Cal

Calorically Dense,
Therapeutic Nutrition
to Support GI Tolerance



Usage

VITAL 1.5 CAL is a calorically dense, peptide-based, elemental formula for patients experiencing malabsorption, maldigestion, or impaired GI function and/or symptoms of GI intolerance.

- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for IV use

Features

- Supported by 2009 Critical Care Nutrition Guidelines E4, F4, K4¹ (See pages 152–161.)

- 1.5 Cal/mL—concentrated calories for fluid-restricted patients
- Designed to promote tolerance
 - Hydrolyzed peptide-based protein system
 - MCT/canola oil structured lipid, a next-generation fat to promote absorption of fatty acids
 - 1.4 g of NutraFlora scFOS/8 fl oz (6 g/L). scFOS are prebiotic fibers that stimulate the growth of beneficial bacteria in the colon (See page 129 for more about scFOS.)
- Elevated antioxidants vitamins C and E to help reduce free radical damage
- Meets or exceeds 100% of the RDI for 24 essential vitamins and minerals in 1500 Cal (1000 mL)
- Suitable for lactose intolerance,* gluten-free, low-residue

Availability

<u>Flavor</u>	<u>List No.</u>	<u>NDC Format Code</u>
— 8-fl-oz cans; 24/case		
Vanilla	56279	70074-0562-80
— Ready-To-Hang 1000-mL prefilled containers, 8/case		
Vanilla	62713	70074-0627-13

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

VITAL 1.5 CAL

Technical Data		Nutrition Information					
		8 fl oz	1000 mL	8 fl oz	1000 mL		
Nutrient Density (Cal/mL)	1.5						
Protein (% Cal)	18	Calories	355	1500	Magnesium, mg	95	400
Carbohydrate (% Cal)	49	Protein, g	16.0	67.5	Manganese, mg	1.2	5.0
Fat (% Cal)	33	Total Fat, g	13.5	57.1	Iodine, mcg	35	150
MCT:LCT	47.5:52.5	Total Carbohydrate, g	44.2	187	Copper, mg	0.47	2.0
n6:n3	2.1:1	Dietary Fiber, g	1.4	6.0	Zinc, mg	7.1	30
Cal to meet 100% RDIs	1500	scFOS, g	1.4	6.0	Iron, mg	4.3	18
mL to meet 100% RDIs	1000	Water, g/mL/cc	181	764	Chromium, mcg	28	120
Kosher, Halal	No	Vitamin A, IU	1540	6500	Molybdenum, mcg	43	180
Gluten-Free	Yes	Vitamin D, IU	95	400	Selenium, mcg	19	80
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	24	100	Choline, mg	160	680
Low-Residue	Yes	Vitamin K, mcg	19	80	L-Carnitine, mg	35	150
Total Cal/g Nitrogen	139:1	Vitamin C, mg	120	500	Taurine, mg	35	150
Nonprotein Cal/g Nitrogen	114:1	Folic Acid, mcg	190	800			
Osmolality, mOsm/kg H ₂ O	610	Thiamin, mg (Vit B ₁)	0.70	3.0			
Renal Solute Load, mOsm/L	544	Riboflavin, mg (Vit B ₂)	0.80	3.4			
Viscosity		Niacin, mg	9.5	40			
Thin (Room Temperature)		Vitamin B ₆ , mg	1.4	6.0			
Nectar-Like (Chilled)		Vitamin B ₁₂ , mcg	2.8	12			
Minimum Tube Size for Pump Feeding, Fr	8	Biotin, mcg	140	600			
(Gravity feeding is not recommended.)		Pantothenic Acid, mg	4.7	20			
		Sodium, mg	355	1500			
		Potassium, mg	475	2000			
		Chloride, mg	355	1500			
		Calcium, mg	235	1000			
		Phosphorus, mg	235	1000			

1. McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2009;33(3):277-316.

VITAL 1.5 CAL

Ingredients

Water, Maltodextrin, Whey Protein Hydrolysate, Structured Lipid (Interesterified Canola Oil and Medium-chain Triglycerides), Sugar, Partially Hydrolyzed Sodium Caseinate, Canola Oil, Medium-chain Triglycerides, Short-chain Fructooligosaccharides, Natural and Artificial Flavors, Datem, Magnesium Phosphate, Calcium Carbonate, Potassium Chloride, Potassium Citrate, Sodium Phosphate, Sodium Citrate, Cellulose Gel, Ascorbic Acid, Calcium Phosphate, Choline Chloride, Sucralose, Carrageenan, L-Carnitine, Taurine, Cellulose Gum, Magnesium Chloride, Zinc Sulfate, d-Alpha-Tocopheryl Acetate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Cyanocobalamin, Phylloquinone, and Vitamin D₃. (FAN 9075-01)

Contains milk ingredients.

HCPCS Code B4153
www.AbbottNutrition.com

Vital AF 1.2 Cal®

Therapeutic Nutrition with Ingredients to Help Manage Inflammation and to Promote GI Tolerance



Usage

VITAL AF 1.2 CAL is Advanced Formula therapeutic nutrition with ingredients to help manage inflammation and symptoms of GI intolerance.

- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for IV use

Features

- Supported by Critical Care Nutrition Guidelines E1, C4, C5, E4, F4, K4¹ (See pages 152–161.)
- Designed to promote tolerance
 - Hydrolyzed peptide-based protein system
 - MCT/fish oil structured lipid, a well-tolerated^{2,3} and absorbed³ next-generation fat to promote absorption of fatty acids

– 1.2 g of NutraFlora scFOS/8 fl oz (5.1 g/L). scFOS are prebiotic fibers that stimulate the growth of beneficial bacteria in the colon (see page 129 for more about scFOS)

- EPA (2.7 g/L) and DHA (1.1 g/L) from fish oil (10.8 g/L) to help modulate inflammation and support immune function^{4,5}
- 75 g/L protein to meet the increased protein needs of stressed patients (≥ 1.2 g/kg) and support healing¹
- 1013 IU/L vitamin D to help meet the increased vitamin D needs of critically ill patients^{6,7}
- Elevated antioxidants vitamin C and vitamin E to help reduce free radical damage
- Meets or exceeds 100% of the RDI for protein and 24 essential vitamins and minerals in 1422 Cal (1185 mL)
- Suitable for lactose intolerance,* gluten-free, low-residue

Availability

Flavor	List No.	NDC Format Code
– 8-fl-oz cans; 24/case		
Vanilla	56542	70074-0565-43
– Ready-To-Hang 1000-mL pre-filled containers; 8/case		
Vanilla	62715	70074-0627-15

* Not for people with galactosemia

NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

VITAL AF 1.2 CAL

Technical Data		Nutrition Information					
		8 fl oz	1000 mL	8 fl oz	1000 mL		
Nutrient Density (Cal/mL)	1.2						
Protein (% Cal)	25	Calories	284	1200	Magnesium, mg	80	338
Carbohydrate (% Cal)	36	Protein, g	17.8	75	Manganese, mg	1.0	4.2
Fat (% Cal)	39	Total Fat, g	12.8	53.9	Iodine, mcg	30	125
MCT:LCT	45:55	Total Carbohydrate, g	26.2	110.6	Copper, mg	0.40	1.7
n6:n3	0.9:1	Dietary Fiber, g	1.2	5.1	Zinc, mg	6.0	25
Cal to meet 100% RDIs	1422	scFOS, g	1.2	5.1	Iron, mg	3.6	15
mL to meet 100% RDIs	1185	Water, g/mL/cc	192	811	Chromium, mcg	24	100
Kosher, Halal	No	Vitamin A, IU	1300	5485	Molybdenum, mcg	36	150
Gluten-Free	Yes	Vitamin D, IU	240	1013	Selenium, mcg	16	68
Suitable for Lactose Intolerance*	Yes	Vitamin E, IU	60	253	Choline, mg	135	575
Low-Residue	Yes	Vitamin K, mcg	16	68	L-Carnitine, mg	30	125
Total Cal/g Nitrogen	100:1	Vitamin C, mg	100	422	Taurine, mg	30	125
Nonprotein Cal/g Nitrogen	75:1	Folic Acid, mcg	160	675			
Osmolality, mOsm/kg H ₂ O	425	Thiamin, (Vit B ₁) mg	0.6	2.5			
Renal Solute Load, mOsm/L	560	Riboflavin, (Vit B ₂) mg	0.68	2.9			
Viscosity		Niacin, mg	8.0	34			
Nectar-Like (Room Temperature)		Vitamin B ₆ , mg	1.2	5.1			
Nectar-Like (Chilled)		Vitamin B ₁₂ , mcg	2.4	10			
Minimum Tube Size for Pump Feeding, Fr	8	Biotin, mcg	120	506			
(Gravity Feeding is not recommended)		Pantothenic Acid, mg	4.0	17			
		Sodium, mg	300	1266			
		Potassium, mg	400	1688			
		Chloride, mg	300	1266			
		Calcium, mg	200	844			
		Phosphorus, mg	200	844			

1. McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2009;33(3):277-316.
2. Kenler AS, et al. *Ann Surg.* 1996;223(3):316-333.
3. McKenna MC, et al. *J Pediatr Gastroenterol Nutr.* 1985;4:45-51.
4. Calder PC. *Prost Leuk Essent Fatty Acids.* 2008;79:101-108.
5. Calder PC. *Clin Nutr.* 2010;29:5-12.
6. Lee P, et al. *Intensive Care Med.* 2009;35(12):2028-2032.
7. Lee P, et al. *N Engl J Med.* 2009;360(18):1912-1914.

VITAL AF 1.2 CAL

Ingredients

Water, Corn Maltodextrin, Whey Protein Hydrolysate, Hydrolyzed Sodium Caseinate; **Less than 2% of:** Structured Lipid (Interesterified Marine Oil [Contains one or more of the following: Anchovy, Menhaden, Salmon, Sardine, Tuna] and Medium-chain Triglycerides), Medium-chain Triglycerides, Canola Oil, Soy Oil, Short-chain Fructooligosaccharides, Natural and Artificial Flavors, Cellulose Gel, DATEM, Magnesium Phosphate, Calcium Carbonate, Potassium Chloride, Sodium Phosphate, Potassium Citrate, Ascorbic Acid, Choline Chloride, Acesulfame Potassium, Carrageenan, Cellulose Gum, Calcium Phosphate, Sucralose, d-Alpha-Tocopheryl Acetate, L-Carnitine, Taurine, Magnesium Chloride, Zinc Sulfate, Ferrous Sulfate, Niacinamide, Calcium Pantothenate, Manganese Sulfate, Cupric Sulfate, Thiamine Chloride Hydrochloride, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Potassium Iodide, Sodium Selenate, Cyanocobalamin, Phylloquinone, and Vitamin D₃. (FAN 8775-01)

Contains milk ingredients.

HCPCS Code B4153
www.AbbottNutrition.com

Vital® HN

Therapeutic, Elemental,
Low Fat Nutrition



Usage

VITAL HN is designed for patients with chronically impaired gastrointestinal function (maldigestion, malabsorption) who need a peptide-based, low fat enteral formula.

- For tube or oral feeding
- For supplemental or sole-source nutrition
- Not for parenteral use

Features

- Supported by 2009 Critical Care Nutrition Guidelines E4 and K4¹ (See pages 152–161.)
- Peptides and free amino acids to use the dual protein absorption systems of the gut
- <4 g of fat/300-Cal serving—beneficial for patients who need a low fat diet
- Meets or exceeds at least 100% of the RDI for 24 key vitamins and minerals at standard dilution in 1500 Cal
- Gluten-free, low-residue

Availability

Flavor _____ List No. _____ NDC Format Code _____

— Powder: 2.79-oz (79-g) packets; 6 packets/carton;
4 cartons/case

Vanilla0076670074-0407-66

* Not for people with galactosemia

VITAL HN

Technical Data		Nutrition Information					
		300 mL	1000 mL	300 mL	1000 mL		
(At standard dilution: 1 packet [79 g] mixed with 255 mL [8.6 fl oz] of water)							
Nutrient Density (Cal/mL)	1.0	Calories	300	1000	Calcium, mg	200	667
Protein (% Cal)	16.7	Protein, g	12.5	41.7	Phosphorus, mg	200	667
Carbohydrate (% Cal)	73.8	Total Carbohydrate, g	55.4	185.0	Magnesium, mg	80	267
Fat (% Cal)	9.5	Total Fat, g	3.3	10.8	Iodine, mcg	30	100
MCT:LCT	45:55	Water, g/mL/cc	255	850	Manganese, mg	1.0	3.4
n6:n3	48:1	Vitamin A, IU	1000	3332	Copper, mg	0.40	1.4
Cal to meet 100% RDIs	1500	Vitamin D, IU	80	267	Zinc, mg	4.5	15
mL to meet 100% RDIs	1500	Vitamin E, IU	9.0	30	Iron, mg	3.6	12
Kosher	No	Vitamin K, mcg	16	54	Selenium, mcg	14	47
Halal	No	Vitamin C, mg	60	200	Chromium, mcg	24	80
Gluten-Free	Yes	Folic Acid, mcg	160	533	Molybdenum, mcg	30	100
Lactose,* g	<0.25/packet	Thiamin (Vit B ₁), mg	0.60	2.0			
Low-Residue	Yes	Riboflavin (Vit B ₂), mg	0.68	2.3			
Total Cal/g Nitrogen	150:1	Vitamin B ₆ , mg	0.80	2.7			
Nonprotein Cal/g Nitrogen	125:1	Vitamin B ₁₂ , mcg	2.4	8.0			
Osmolality, mOsm/kg H ₂ O	500	Niacin, mg	8.0	26.7			
Renal Solute Load, mOsm/L	327	Choline, mg	120	400			
Viscosity		Biotin, mcg	120	400			
Thin (Room Temperature)		Pantothenic Acid, mg	4.0	13.4			
Thin (Chilled)		Sodium, mg	170	566			
Minimum Tube Size for Gravity/Pump Feeding, Fr	8/5	Sodium, mEq	7.4	24.6			
		Potassium, mg	420	1400			
		Potassium, mEq	10.7	35.8			
		Chloride, mg	310	1032			
		Chloride, mEq	8.7	29.2			

VITAL HN Ingredients

Corn Maltodextrin, Sugar, Partially Hydrolyzed Protein Blend (Soy and Collagen), Whey Protein Concentrate, Whey Protein Hydrolysate, Safflower Oil, Medium-chain Triglycerides, Magnesium Sulfate, Natural and Artificial Flavors, Calcium Phosphate, Potassium Phosphate, L-Tyrosine, L-Leucine, L-Valine, Salt, L-Isoleucine, L-Phenylalanine, L-Histidine, Choline Chloride, Ascorbic Acid, L-Methionine, Magnesium Chloride, L-Threonine, Monoglycerides, Soy Lecithin, L-Tryptophan, dl-Alpha-Tocopheryl Acetate, Zinc Sulfate, Niacinamide, Ferrous Sulfate, Calcium Pantothenate, Manganese Sulfate, Thiamine Chloride Hydrochloride, Cupric Sulfate, Pyridoxine Hydrochloride, Riboflavin, Vitamin A Palmitate, Potassium Citrate, Folic Acid, Biotin, Chromium Chloride, Sodium Molybdate, Sodium Selenate, Phylloquinone, Potassium Iodide, Cyanocobalamin, and Vitamin D₃. (FAN 8735-08)

Contains milk and soy ingredients.

1. McClave SA et al. *JPEN J Parenter Enteral Nutr* 2009;33(3):277-316.

HCPCS Code B4153
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Calendar

2013	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
	1 2 3 4 5	1 2	1 2	1 2 3 4 5 6	1 2 3 4	1
	6 7 8 9 10 11 12	3 4 5 6 7 8 9	3 4 5 6 7 8 9	7 8 9 10 11 12 13	5 6 7 8 9 10 11	2 3 4 5 6 7 8
	13 14 15 16 17 18 19	10 11 12 13 14 15 16	10 11 12 13 14 15 16	14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15
	20 21 22 23 24 25 26	17 18 19 20 21 22 23	17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22
27 28 29 30 31	24 25 26 27 28	24 25 26 27 28 29 30 31	28 29 30	26 27 28 29 30 31	23 24 25 26 27 28 29 30	
2013	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
	1 2 3 4 5 6	1 2 3	1 2 3 4 5 6 7	1 2 3 4 5	1 2	1 2 3 4 5 6 7
	7 8 9 10 11 12 13	4 5 6 7 8 9 10	8 9 10 11 12 13 14	6 7 8 9 10 11 12	3 4 5 6 7 8 9	8 9 10 11 12 13 14
	14 15 16 17 18 19 20	11 12 13 14 15 16 17	15 16 17 18 19 20 21	13 14 15 16 17 18 19	10 11 12 13 14 15 16	15 16 17 18 19 20 21
	21 22 23 24 25 26 27	18 19 20 21 22 23 24	22 23 24 25 26 27 28	20 21 22 23 24 25 26	17 18 19 20 21 22 23	22 23 24 25 26 27 28
28 29 30 31	25 26 27 28 29 30 31	29 30	27 28 29 30 31	24 25 26 27 28 29 30	29 30 31	
2014	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE
	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
	1 2 3 4	1	1	1 2 3 4 5	1 2 3	1 2 3 4 5 6 7
	5 6 7 8 9 10 11	2 3 4 5 6 7 8	2 3 4 5 6 7 8	6 7 8 9 10 11 12	4 5 6 7 8 9 10	8 9 10 11 12 13 14
	12 13 14 15 16 17 18	9 10 11 12 13 14 15	9 10 11 12 13 14 15	13 14 15 16 17 18 19	11 12 13 14 15 16 17	15 16 17 18 19 20 21
	19 20 21 22 23 24 25	16 17 18 19 20 21 22	16 17 18 19 20 21 22	20 21 22 23 24 25 26	18 19 20 21 22 23 24	22 23 24 25 26 27 28
26 27 28 29 30 31	23 24 25 26 27 28	23 24 25 26 27 28 29 30 31	27 28 29 30	25 26 27 28 29 30 31	29 30	
2014	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S	S M T W T F S
	1 2 3 4 5	1 2	1 2 3 4 5 6	1 2 3 4	1	1 2 3 4 5 6
	6 7 8 9 10 11 12	3 4 5 6 7 8 9	7 8 9 10 11 12 13	5 6 7 8 9 10 11	4 3 4 5 6 7 8	7 8 9 10 11 12 13
	13 14 15 16 17 18 19	10 11 12 13 14 15 16	14 15 16 17 18 19 20	12 13 14 15 16 17 18	9 10 11 12 13 14 15	14 15 16 17 18 19 20
	20 21 22 23 24 25 26	17 18 19 20 21 22 23	21 22 23 24 25 26 27	19 20 21 22 23 24 25	16 17 18 19 20 21 22	16 17 18 19 20 21 22
27 28 29 30 31	24 25 26 27 28 29 30 31	27 29 30	26 27 28 29 30 31	23 24 25 26 27 28 29 30	21 22 23 24 25 26 27 28 29 30 31	

NutraFlora® Short-chain Fructooligosaccharides (scFOS®)

Short-chain fructooligosaccharides (scFOS) are natural carbohydrates that are not digested in the GI tract by alpha-amylase, sucrase, or maltase, but are fermented by normal gut flora such as bifidobacteria in the colon to short-chain fatty acids (SCFAs). Because scFOS have functions similar to those of soluble fibers, they can be classified as dietary fiber. *However, scFOS do not contribute to residue in the stool.* scFOS are referred to as prebiotics because they stimulate the growth of healthy intestinal bacteria, eg, bifidobacteria.¹ SCFAs perform a number of beneficial functions in the GI tract, some of which include:

- Promoting the uptake of electrolytes and water in the colon,^{2,3} which is important in the management of diarrhea⁴
- Helping to maintain GI-tract integrity, being the preferred energy source of the colonocytes¹
- Acidifying the colon, creating an unfavorable environment for *C. difficile* in at-risk patients (8 g/day recommended)⁵⁻⁷

Medical nutritional products containing scFOS contribute to GI-tract health and can help meet the recommended daily intake for dietary fiber. Experts recommend daily fiber intake of 20 to 35 grams for adults. Due to their short chain length, NutraFlora scFOS are quickly fermented by gut flora³ and the most readily available form of scFOS.

Abbott Nutrition offers many medical nutritionals containing NutraFlora scFOS. scFOS are included in Ensure Complete™, Ensure Plus®, Ensure® Pudding, Glucerna® 1.2 Cal, Glucerna® 1.5 Cal, Glucerna® Therapeutic Nutrition Shake (Can), Glucerna® Snack Shake, Jevity® 1.2 Cal, Jevity® 1.5 Cal, Nepro® with Carb Steady®, PediaSure®, PediaSure® Enteral Formula 1.0 Cal With Fiber, PediaSure® with Fiber, PediaSure® Peptide 1.0 Cal, PediaSure® Peptide 1.5 Cal, Perative®, Pivot® 1.5 Cal, Suplena® with

Carb Steady®, TwoCal® HN, Vital® 1.0 Cal, Vital® 1.5 Cal, Vital AF 1.2 Cal®. Many products containing NutraFlora scFOS are identified with the NutraFlora burst.

NutraFlora scFOS Benefits

- Prebiotics that stimulate the growth of beneficial bacteria (eg, bifidobacteria) in the colon⁸
- Fermented by bacteria in the colon to SCFAs, which inhibit the growth of *C. difficile* in at-risk patients (minimum 8 g/day recommended)⁵⁻⁷
- Enhance calcium absorption (3 g/day)⁹⁻¹¹
- Help maintain a healthy immune system¹²
- Stimulate water and electrolyte uptake in the colon,^{2,3} which is important in the management of diarrhea⁴

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 2. Bowling TE et al. *Lancet* 1993;342:1266-1268.
 3. Roberfroid MB et al. *J Nutr* 1998;128:11-19.
 4. Bartlett JG, in Blaser MJ, Smith PD, Ravdin JI, et al (eds). *Infections of the Gastrointestinal Tract*. New York: Raven Press 1995, pp 893-904.
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 6. May T et al. *Microecol Ther* 1995;23:158-170.
 7. Bouhnik Y et al. *Nutr J* 2007;6:42.
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 9. Uenishi K et al. *Jpn J Nutr Diet* 2002;60:11-18.
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 11. Ohta A et al. *J Nutr Food* 1999;2:37-43.
 12. Hosono A et al. *Biosci Biotechnol Biochem* 2003;67:758-764.
- NutraFlora and scFOS are not registered trademarks of Abbott Laboratories.

Revigor®

Muscle loss can begin as early as 40 years old and can accelerate with age,¹⁻⁴ leading to loss of strength and mobility. Signs of muscle loss could include weakness, fatigue, lack of strength or energy, or weight loss. It is important to build and maintain muscle to safely enjoy daily activities.

Abbott's proprietary ingredient, Revigor® (a source of HMB) is a novel ingredient found in Ensure Complete™ and Ensure® Muscle Health that along with protein helps to rebuild muscle naturally lost over time.* Revigor can help stabilize muscle cells and slow protein breakdown while promoting the production of new muscle tissue.

1. Grimby G et al. *Acta Physiol Scand* 1982;115:125-34. 2. Grimby G et al. *Clin Physiol* 1983;3:209-218. 3. Larsson L et al. *J Appl Physiol* 1979;46:451-456. 4. Janssen I et al. *J Appl Physiol* 2000;89:81-88.

*In studies in healthy and exercising adults.

What is HMB?

HMB (β -hydroxy- β -methylbutyrate) is a metabolite of leucine, a branched-chain essential amino acid. Leucine regulates protein synthesis and helps maintain nitrogen balance, an indicator of the availability of protein for the body's use.^{1,2} HMB is the active metabolite of leucine that regulates protein synthesis in muscle cells.³ HMB has been shown to slow down muscle proteolysis and modulate protein turnover.⁴⁻⁷

What are the sources of HMB?

There are different sources of HMB. HMB can be obtained from dietary protein sources rich in leucine, such as egg whites, soy protein isolate, and game meats. However, a 70-kg person produces only 0.2-0.4 grams of HMB daily, a quantity that may not be sufficient to support metabolic needs during times of stress or healing.⁵⁻⁸ It is also available commercially as a nutritional supplement, calcium HMB monohydrate (CaHMB). In addition, HMB occurs naturally in human muscle cells.

How does HMB work?

HMB exerts its effects through protective, anticatabolic mechanisms and has been shown to directly influence protein synthesis.⁹ HMB has been shown to:

- Stabilize the muscle cell membrane⁸
- Modulate protein degradation¹⁰⁻¹²
- Upregulate protein synthesis^{8,10,13}

What is the clinical evidence for HMB?

HMB has been studied extensively in animals as well as in adults, in a variety of populations from healthy exercising young adults to critically ill hospital patients. HMB has been studied alone and in combination with other amino acids.

Traditionally, HMB has been used by athletes to enhance performance and build muscle mass.⁹ Recent research has focused on the use of HMB to preserve or rebuild muscle mass in populations in whom loss of lean body mass would increase risk for injury, disability, or mortality, such as older adults and hospital patients. This research has shown that HMB alone or in combination with other amino acids effectively:

- Improved body composition and functionality in healthy elderly men and women^{14,15}
- Increased lean body mass in patients with stage IV cancer and AIDS-associated wasting^{16,17}
- Improved protein synthesis in patients in the ICU and critical care unit^{18,19}

Is HMB safe?

HMB has been studied in numerous safety trials. HMB has been demonstrated to be safe and tolerable in healthy volunteers in 9 double-blind, placebo-controlled studies in which humans were fed 3 grams of HMB per day.²⁰ The clinical safety and tolerability of HMB is well documented in healthy adults, including the elderly, as well as in patients with AIDS and cancer.^{20,21} HMB, at the recommended dose of 3 grams daily, has an established profile of safety and tolerability in the elderly as well as in people with serious illness.

What is the recommended daily intake of HMB?

Clinical studies have shown that a daily intake of 3 grams of HMB per day is effective and safe. The clinical efficacy does not increase at doses higher than 3 grams per day. Do not exceed 4 total servings per day of Ensure Complete and Juven.

1. Williams JZ et al. *Surg Clin North Am* 2003;83:571-596. 2. May ME et al. *Diabetes Metab Rev* 1989;5:227-245. 3. Manzano M et al. Is B-hydroxy-B-methylbutyrate (HMB) the bioactive metabolite of L-leucine (LEU) in muscle? Abstract presented at: European Society for Clinical Nutrition and Metabolism 31st Congress Vienna, Austria, Abstract P267. 2009. 4. Alon T et al. *Research Communications in Molecular Pathology and Pharmacology* 2002;111:139-151. 5. Nissen S et al. *J Appl Physiol* 1996;81:2095-2104. 6. Smith HJ et al. *Cancer Res* 2004;64:8731-8735. 7. Smith HJ et al. *Cancer Res* 2005;64: 277-283. 8. Nissen SL et al. *J Nutr Biochem* 1997;8:300-311. 9. Wilson GJ et al. *Nutr Metab* 2008;5:1. 10. Eley HL et al. *Am J Physiol Endocrinol Metab* 2008;295:E1409-E1416. 11. Eley HL et al. *Am J Physiol Endocrinol Metab* 2008;295:E1417-E1426. 12. Yeh SS et al. *J Am Med Dir Assoc* 2008; 9:219-236. 13. Kornasio R et al. *Biochem Biophys Acta* 2009;1793:755-763. 14. Vukovich MD et al. *J Nutr* 2001;131:2049-2052. 15. Flakoll P et al. *Nutrition* 2004;20:445-451. 16. Clark RH et al. *JPEN* 2000;24:133-139. 17. May PE et al. *Am J Surg* 2002;183:471-479. 18. Kuhls DA et al. *J Trauma* 2007;62:125-132. 19. Hsieh LC et al. *J Clin Nutr* 2006;15:544-550. 20. Nissen S et al. *J Nutr* 2000;130:1937-1945. 21. Rathmacher JA et al. *JPEN* 2004;28: 65-75.

Protein Absorption

Intact protein absorption may be impaired in maldigestion, malabsorption, or physiological stress. A protein system that is peptide-based (hydrolyzed or predigested) containing di- and tripeptides and amino acids may be better absorbed and tolerated compared to protein consisting entirely of free amino acids.¹⁻³

“Elemental” Diets

As there is no definition of the terms “elemental,” “semi-elemental,” “hydrolyzed,” or “peptide-based,” the terms tend to be used interchangeably. Each refers to products containing a hydrolyzed protein system. Abbott Nutrition formulas described as elemental feature protein systems that are more extensively hydrolyzed (more dipeptides, tripeptides, and free amino acids) than those described as semi-elemental. In addition, these products may contain medium-chain triglycerides (MCTs) or structured lipids.

1. Silk DB et al. *JPEN* 1980;4(6):548-553. 2. Roberts PR et al. *Digestion* 1999;60:332-337. 3. Zaloga GP. In: Zaloga GP, ed. *Nutrition In Critical Care*. St Louis: Mosby;1994:59-80.

Daily Values and Reference Daily Intakes

There are two sets of reference values for reporting nutrients in nutrition labeling: 1) Daily Reference Values (DRVs) and 2) Reference Daily Intakes (RDIs). These values assist consumers in interpreting information about the amount of a nutrient that is present in a food and in comparing nutritional values of food products. DRVs are established for adults and children 4 or more years of age, as are RDIs, with the exception of protein. DRVs are provided for total fat, saturated fat, cholesterol, total carbohydrate, dietary fiber, sodium, potassium, and protein. RDIs are provided for vitamins and minerals and for protein for children less than 4 years of age and for pregnant and lactating women. In order to limit consumer confusion, the label includes a single term (Daily Value [DV]) to designate both the DRVs and RDIs. The table to the right lists the DVs based on a caloric intake of 2,000 Calories for adults and children 4 or more years of age, as well as the RDIs.

U.S. Food and Drug Administration. *Guidance for Industry: A Food Labeling Guide*. April 2008. 21 CFR 101.9(c)(9), 21 CFR 101.9(c)(8)(iv).

Daily Values (DVs) and Reference Daily Intakes (RDIs)					
	DV	RDI		DV	RDI
Total Fat, g	65		Choline, mg	550	Not est.
Saturated Fat, g	20		Biotin, mcg	300	300
Cholesterol, mg	300		Pantothenic Acid, mg	10	10
Total Carbohydrate, g	300		Sodium, mg	2400	Not est.
Dietary Fiber, g	25		Potassium, mg	3500	Not est.
Protein, g	50		Chloride, mg	3400	3400
			Calcium, mg	1000	1000
Vitamin A, IU	5000	5000	Phosphorus, mg	1000	1000
Vitamin D, IU	400	400	Magnesium, mg	400	400
Vitamin E, IU	30	30	Iodine, mcg	150	150
Vitamin K, mcg	80	80	Manganese, mg	2	2
Vitamin C, mg	60	60	Copper, mg	2	2
Folate, mcg	400	400	Zinc, mg	15	15
Thiamin (Vitamin B ₁), mg	1.5	1.5	Iron, mg	18	18
Riboflavin (Vitamin B ₂), mg	1.7	1.7	Selenium, mcg	70	70
Vitamin B ₆ , mg	2	2	Chromium, mcg	120	120
Vitamin B ₁₂ , mcg	6	6	Molybdenum, mcg	75	75
Niacin, mg	20	20			

Nutrient Base: Refers to the amount of product needed (calorie/volume) to meet or exceed 100% of the RDIs.

Estimating Energy Needs

Energy expenditure is most accurately measured by indirect calorimetry. In the clinical setting, using indirect calorimetry is often not feasible; thus, equations have been derived to estimate the resting energy expenditure of adults. Two such equations are listed below: the Harris-Benedict equation and the Mifflin-St. Jeor equation. These sets of equations are for use in calculating energy need for adults only; they are not suitable for infants and children.

The following units are used in both sets of equations:

W = weight in kg; H = height in cm; A = age in years

Harris-Benedict Equation for Basal Energy Expenditure (BEE)¹

Men: $BEE = 66.5 + (13.8 \times W) + (5.0 \times H) - (6.8 \times A)$

Women: $BEE = 655.1 + (9.6 \times W) + (1.9 \times H) - (4.7 \times A)$

Total Energy Expenditure (TEE) = BEE x activity factor (AF) x Injury Factor (IF)

Activity Factor (AF)

1.2	Bed rest
1.3	Ambulatory
1.6	Sepsis

Injury Factor (IF)

1.2	Minor surgery
1.35	Skeletal trauma
2.1	Severe burns

Mifflin-St. Jeor Equation (MSJE)²

Men: $REE = (10 \times W) + (6.25 \times H) - (5 \times A) + 5$

Women: $REE = (10 \times W) + (6.25 \times H) - (5 \times A) - 161$

Use actual weight to calculate REE.

Total Energy Expenditure (TEE) = REE x Physical Activity Level (PAL)

Physical Activity Level (PAL)³

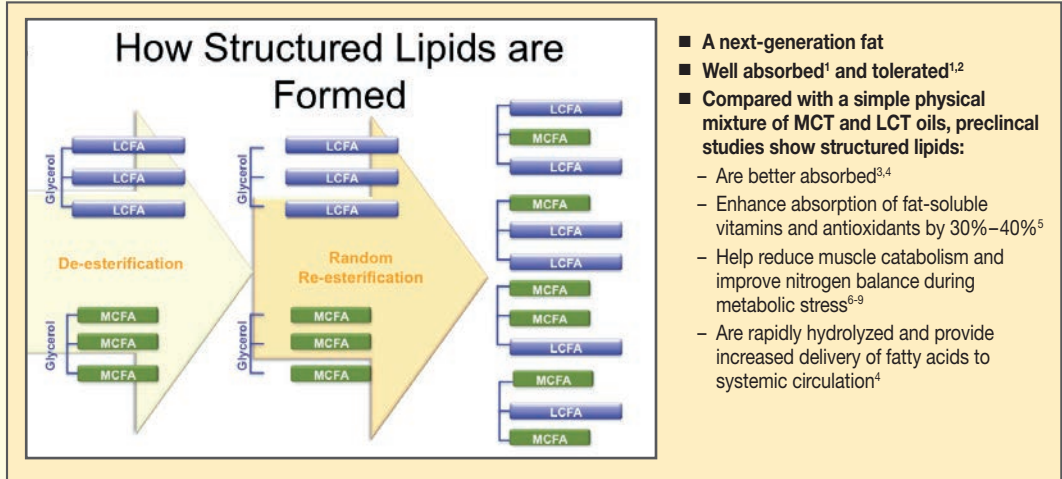
1.2	Chair-bound or bed-bound
1.4–1.5	Seated work with no option of moving around and little or no strenuous leisure activity
1.6–1.7	Seated work with discretion and requirement to move around but little or no strenuous leisure activity
1.8–1.9	Standing work, (eg, housework, shop assistant)
+0.3 (increment)	Significant amounts of sport or strenuous leisure activity (30–60 min four to five times per week)
2.0–2.4	Strenuous work or highly active leisure

1. Harris JA, Benedict FG. *A Biometric Study of Basal Metabolism in Man*. Washington, DC, Carnegie Institute of Washington, 1919. Publication No. 279.

2. Mifflin MD et al. *Am J Clin Nutr* 1990;51:241-247.

3. Shetty PS et al. *Eur J Clin Nutr* 1996;50(suppl 1):S11-S23.

Structured Triglycerides



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2. Kenler AS et al. *Ann Surg* 1996;223:316-333.
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4. Tso P et al. *Am J Physiol* 1999;277(Gastrointest Liver Physiol 40): G333-G340.
5. Tso P et al. *J Nutr* 2001;131:2157-2163.
6. DeMichele SJ et al. *Metabolism* 1988;37:787-795.
7. DeMichele SJ et al. *Am J Clin Nutr* 1989;50:1295-1302.
8. Swenson ES et al. *Metabolism* 1991;40:484-490.
9. Teo TC et al. *Ann Surg* 1989;210(1):100-107.

Lactose Intolerance

Lactose intolerance is the inability to digest and absorb the carbohydrate (or sugar) in milk, called lactose, due to lactase (digestive enzyme) deficiency. Symptoms of lactose intolerance include abdominal distension, gas, abdominal cramping, and diarrhea. Lactose-intolerant individuals can usually tolerate a small amount of lactose in their diet, whereas an individual with milk protein allergy cannot tolerate even a small amount of milk protein. Intolerance to food ingredients or nutrients does NOT involve allergic (immune) reactions. A product may contain milk proteins but not lactose.

Milk Protein Allergy

Food allergens are typically proteins that can provoke an immune response (rash, itching, runny nose, nausea, vomiting, diarrhea) in sensitive individuals. People with a milk allergy are allergic to milk protein, either from casein or whey. Whey protein or casein should be avoided by individuals who have a milk protein allergy.

Storage Times/Temperatures for Adult Nutritional Products

Temperature Guidelines

Our general recommended storage temperatures are between 32 and 95 degrees F. The most desirable temperature range for storage is between 55 degrees F and 75 degrees F. Prolonged exposure to temperatures below 32 degrees F or to direct heat above 95 degrees F could affect the physical consistency of the product. While the product within the sealed can is commercially sterile and of sound nutritional quality, a change in the consistency of the product could temporarily affect the appearance, flavor, and other sensory attributes. We therefore do not recommend use of product exposed to adverse temperatures.

Storage Times

This information provides direction to help maintain the quality of Abbott Nutrition medical nutritional products. Users should clean the tops of containers thoroughly before opening them, and product should be covered once it is opened.

- Once product is opened, use or refrigerate within 4 hours. Discard refrigerated product after 48 hours.
- It is best to serve only what will be consumed in an hour. To serve only a portion of a container, pour desired amount into a separate container. Cover, refrigerate, and use remaining product within 48 hours.
- Drinking from the container or through a straw exposes product to significant amounts of oral bacteria. When product is to be consumed directly from the container or through a straw, refrigerate or discard remaining product within 1 hour. Consume the refrigerated product within 24 hours.
- For RTH products, follow Instructions for Use on the RTH carton.
- For powder products, follow instructions for use and storage on the product label.

Protocol Development Guidelines for Wound Care

First Visit

- Conduct nutrition screening per policy and procedure
- Provide direct education using Abbott handouts and document appropriately

Second Visit

- Obtain labs from PCP or draw labs if not available via PCP
- **Is the patient at nutritional risk?**

No

Reassess weekly per policy

Yes

Does the patient present with 1 or more of the following?

- Heavy exudates
- ALB <3.5
- Diarrhea
- VAC therapy
- PAB <15
- Poor appetite
- IWL >5%
- CRP >3.0 mg/L
- Recent surgery or infection

No

Reassess weekly per policy

Yes

INTERVENTION

Increase calories to 25–30 kcal/kg/day and protein to 1.25–1.5 g/kg/day

- Meet fluid needs first (30) cc/kg; minimum of 1500 cc a day unless contraindicated
- Consider supplement if oral intake does not meet calorie and protein needs
 - Ensure Complete™*
 - Glucerna® product—if diabetic
 - Nepro® with Carb Steady®—if on dialysis

- Add therapeutic multivitamin

Provide targeted nutritional therapy for patients with metabolic stress/injuries/wounds to help build lean body mass (LBM)

- Supplement diet with Juven® 2x per day*

Follow up every 7–10 days

- If no improvement, then increase calories and protein and continue Juven use
 - Calories 30–35 kcal/kg/day
 - Protein 1.5–2.0 g/kg/day
 - Consider modular protein supplement (ProMod® Liquid Protein)

* Ensure Complete™ twice daily has 3 g of Revigor® (CaHMB). Juven® twice daily has 3 g of Revigor. Do not exceed 4 total servings per day of Ensure Complete and Juven.

Decision Tree for Oral Nutritional Supplements (ONS)

START HERE

Patient at nutritional risk?

- Poor nutrition labs¹
- Poor dietary intake²
- Facility-specific scale

AND/OR

Risk factors present?³

- Age >50 years⁴
- Over/underweight⁵
- Poor skin condition⁶
- Surgery⁷
- Friction/shear
- Confined to bed

No

Reassess every
24 hours

Yes

Known CKD?

Yes

Suggested intervention⁹

1. CKD-specific meal plan
2. ONS 1 or 2 times per day.¹⁰ For example: Patient receives 1–2 cans (8 fl oz) of **Nepro[®] with Carb Steady[®]** or **Suplema[®] with Carb Steady[®]** per day

No

Known diabetes or
hyperglycemia?⁸

Yes

Suggested intervention⁹

1. Diabetes-specific meal plan
2. ONS 1 or 2 times per day.¹⁰ For example: Patient receives 2 cans (8 fl oz) of **Glucerna[®] Therapeutic Nutrition Shake** per day
3. Nutritional consult

No

Suggested intervention⁹

1. ONS 1 or 2 times per day.¹⁰ For example: Patient receives 2 bottles (8 fl oz) of **Ensure Complete[™]** per day
2. Nutritional consult

For patients with
metabolic stress/
injuries/wounds

Add **Juven^{®*}**
2 times per day.

* Ensure Complete[™] twice daily has 3g Revigor[™] (CaHMB), Juven twice daily has 3g Revigor. Do not exceed a total of 4 servings a day of Ensure Complete and Juven.

1. Nutrition labs, such as albumin. Interstitial edema due to low albumin can decrease nutrient passage to damaged tissue (Wells, 1994). 75% of patients with serum albumin below 3.5 mg/dL develop pressure ulcers (Holmes, 1987). Even patients admitted to a hospital who screen as adequately nourished can experience declines in nutritional status during their stay. Braunschweig et al found that 38% of patients admitted with normal nutrition status (assessed with SGA) declined in nutritional status.

2. Poor dietary intake. Defined as persistently poor appetite, meals being held, or a prescribed diet of less than 1100 kcal or 50 g protein/day, shown to predict PU development (Berlowitz, 1989).

3. Risk factors. A simple prediction rule based on 5 hospital patient characteristics may help identify those at increased risk for pressure ulcer development. Age over 50 (particularly age over 75), weight on admission of less than 119 lb and greater than 209 lb, abnormal appearance of skin, potential for friction and shear, and surgery in the coming week were all independent predictors of PU development (Schoonhoven, 2006).

4. Age. Up to 55% of patients admitted to the hospital are malnourished, particularly older individuals (McWhirter, 1994; Weekes, 1999). Older individuals have a variety of risk factors for malnutrition, including polypharmacy, social isolation, depression, medical conditions, poor diet, socioeconomic factors, and dependency. Age over 50 increases risk of developing a PU. Confinement to bed has been added and was not a criterion for the original study (Schoonhoven, 2006).

5. Weight. Underweight and low BMI are known risk factors for PU development. However, overweight creates risk for PU as well. Schoonhoven et al found that patients who weighed over 209 lb had 2.2x the risk compared to those who weighed between 119 and 209 lb. Those patients who weighed 119 lb or less had 1.3x the risk as those who weighed between 119 and 209 lb. Underweight patients are at risk due to bony prominences placing stress on the skin. The condition is underrecognized and undertreated, and can lead to decreased strength and mobility and diminished organ function. Overweight patients are at risk due to extra tissue causing stress/friction of the skin. Malnutrition is underrecognized in this group, and these patients have a greater risk for hyperglycemia, reduced circulation, and inability to reposition. Braunschweig et al found that upon admission, patients with severe malnutrition (assessed by SGA) were on the high end of normal weight (mean BMI 23.5) and at discharge; patients with severe malnutrition were overweight (mean BMI 25.7).

6. Skin condition. Characteristics include dry (particularly dry, sacral skin) or unhealthy, thin skin. The skin is the largest organ in the body and plays an important role in preserving fluid balance, sensation, and body temperature (Schoonhoven, 2006).

7. Surgery. Surgical patients are at increased risk for PU development. 49% of cardiac surgery patients develop pressure ulcer in the operating room (Frankel, 2007), and 66% of orthopedic surgery patients develop PU (Versluisen, 1986). Even well-nourished patients can experience adverse outcomes if postoperative nutrition is delayed (Huckleberry, 2004). One study showed that even in patients with no risk for PU development before surgery (Braden Pressure Ulcer Risk Assessment Scale), 54.8% were observed to have a Stage I pressure ulcer

within 6 days post-op. A study of 161 elderly surgical ICU patients examined risk factors for development of PU. Incidence of PU in this study was 40%, and risk factors included redness of the skin, duration of surgery, fecal incontinence and diarrhea, use of steroids, and decreased total protein and albumin 1 day post-op (Versluisen, 1986).

8. Diabetes/hyperglycemia. Diabetes increases risk of PU by 60% (Resnick, 2008). 4.2 million hospitalizations occur annually among people with diabetes; 1.5 million hospitalizations occur with significant hyperglycemia and no history of diabetes. Nutritional factors that increase risk include dehydration (can compromise skin integrity) and PEM (decreases collagen synthesis and increases loss of lean body mass). Hyperglycemia causes tissue ischemia (decreased microcirculatory function), increasing the risk of poor skin condition (Fromy, 2005).

9. Standing orders. An immediate practice change may be necessary to efficiently provide supplemental nutrition for patients to reduce development of PU. In a pilot for the "SKIN" PU prevention program at Ascension Health, researchers found that 87% of the time, nutritional consult had been ordered for patients with PU but was carried out only 35% of the time. This led to medical staff-approved standing orders for dietitians. Due to this comprehensive program, PU incidence was reduced to <1% with no new Stage III or IV PU (Gibbons, 2006).

10. Oral nutritional supplements (ONS). In a randomized, prospective, multicenter trial of 672 acute care, older patients, 200 kcal supplements 2x day were shown to decrease the incidence of PU development (Bourdel-Marchesson, 2000). A meta-analysis of 15 studies of elderly, postsurgical, hospitalized patients showed that ONS of 250–500 kcal/day significantly reduced the risk of developing pressure ulcer by 25% compared to routine care (Stratton, 2005). The ESPEN 2006 guidelines for geriatrics give ONS an "A" rating, stating that ONS, particularly high-protein ONS, can reduce the risk of developing pressure ulcers (Vulkert, 2006).

11. Juven. Juven is clinically shown to help build lean body mass* (May 2002; Clark, 2000) and support tissue repair** (Williams 2002).

*in compromised patient groups

** in healthy elderly

Citations

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Ready-To-Hang

Prefilled Enteral Feeding Containers

DID YOU KNOW?

Our Ready-To-Hang is HACCP-friendly. Ask your Abbott Nutrition Representative how Ready-To-Hang products fit into HACCP recommendations:

- Step up to the convenience of the One-A-Day System
- Safety Screw Connector Cap meets the new industry standard, designed to reduce the risk of misconnections and touch contaminations



FEATURES

- Saves nursing time
- Minimizes handling to reduce risk of touch contamination
- Can be hung for up to 48 hours after initial connection using a safety screw connector feeding set, when clean technique and only one new feeding set are used. Otherwise, hang for a maximum of 24 hours.
- Many products available in 2 sizes (1 L, 1.5 L)
- Semi-rigid containers stand upright to save storage space
- No secondary outer cardboard package to remove or discard
- Wide variety of Abbott Nutrition Medical Nutritional products available

Prefilled with:	1000 mL	1500 mL	See Page
• GLUCERNA® 1.0 Cal	62671	62673	36
• GLUCERNA® 1.2 Cal	62677	62675	38
• GLUCERNA® 1.5 Cal	62679	NA	40
• JEVITY® 1 CAL	62685	62687	60
• JEVITY® 1.2 CAL	62683	62667	62
• JEVITY® 1.5 CAL	62681	62689	64

Prefilled with:	1000 mL	1500 mL	See Page
• NEPRO® with Carb Steady®	62669	NA	68
• OSMOLITE® 1 CAL	62691	62695	70
• OSMOLITE® 1.2 CAL	62697	62693	72
• OSMOLITE® 1.5 CAL	62699	NA	74
• OXEPA® (#57043)	62717	NA	76
• PEDIASURE® 1.5 CAL WITH FIBER	62749	NA	88
• PEDIASURE® ENTERAL FORMULA 1.0 CAL WITH FIBER	62727	NA	92
• PEDIASURE® PEPTIDE 1.0 CAL	62729	NA	94
• PEDIASURE® PEPTIDE 1.5 CAL	62731	NA	96
• PERATIVE®	62723	62721	102
• PIVOT® 1.5 CAL	62719	NA	104
• PROMOTE®	62701	62707	110
• PROMOTE® WITH FIBER	62703	62705	112
• PULMOCARE®	62725	NA	114
• TWOCAL® HN	62709	NA	118
• VITAL® 1.0 CAL	62711	NA	120
• VITAL® 1.5 CAL	62713	NA	122
• VITAL AF 1.2 CAL®	62715	NA	124

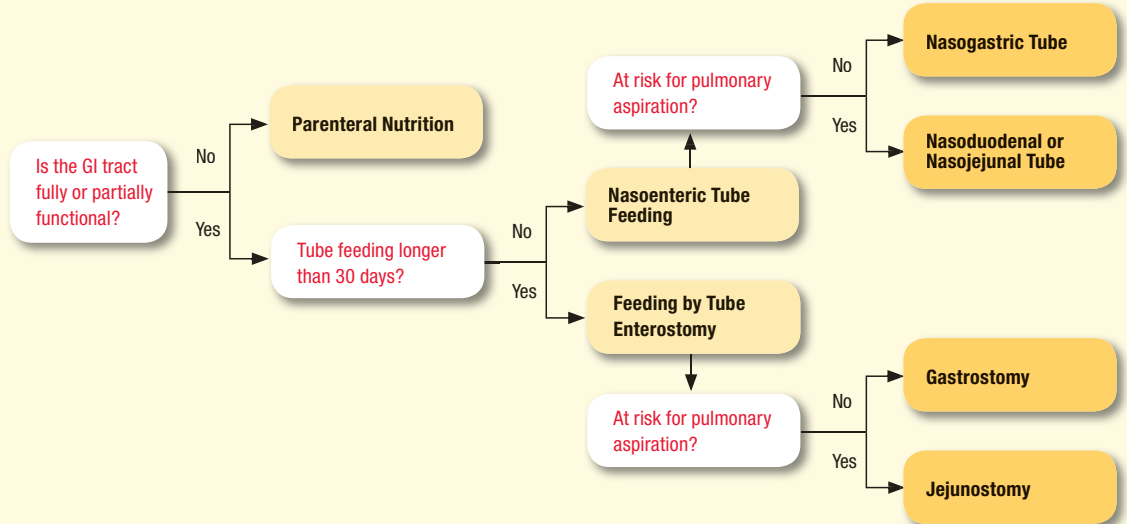
Hangtime of Abbott Nutrition Tube-Feeding Formulas

Abbott Ready-To-Hang (RTH) prefilled Enteral Feeding Containers can hang safely up to 48 hours when a new RTH container is connected to a new safety screw connector feeding set using clean technique.* Using only one feeding set per RTH container helps control the introduction of microbes from touch contamination. If more than one feeding set is used or if more than one RTH container is used with a single feeding set, the maximum safe hang time is 24 hours.



* Follow directions for use provided by the manufacturer of the feeding set.

Decision Making for Selecting a Tube-Feeding Site



Daily Water Needs for Adults

- 1. Total minimum daily water need =**
 $\text{Cal/day} \times 1 \text{ mL Water/Cal}$
 (or at least 2000 mL unless the patient has fluid restrictions)
- 2. Water provided by enteral tube feeding =**
 $\text{mL/L water in tube-feeding formula} \times \text{total mL formula delivered in 24-hour period} \div 1000 \text{ mL}$
- 3. Patient's water need in addition to enteral tube feeding (mL) =**
 $\text{Total minimum daily water need (mL)} - \text{water from tube-feeding formula (mL)}$

ABBOTT NUTRITION PRODUCT	Water Content (mL)		
	8 fl oz	1000 mL	1500 mL
Glucerna® 1.0 Cal	202	853	1280
Glucerna® 1.2 Cal	192	805	1210
Glucerna® 1.5 Cal	180	759	
Jevity® 1 Cal	197	835	1244
Jevity® 1.2 Cal	191	807	1211
Jevity® 1.5 Cal	180	760	1140
Nepro® with Carb Steady®	172	727	
Osmolite® 1 Cal	199	842	1260
Osmolite® 1.2 Cal	195	820	1230
Osmolite® 1.5 Cal	181	762	
Oxepa®	186	785	
Perative®	187	790	1185
Pivot® 1.5 Cal	180	759	
Promote®	198	839	1259
Promote® With Fiber	197	831	1247
Pulmocare®	186	785	
Suplena® with Carb Steady®	174	738	
TwoCal® HN	166	700	
Vital® 1.0 Cal	199	842	1260
Vital® 1.5 Cal	181	764	1150
Vital AF 1.2 Cal®	192	811	1216

Hourly Tube-Feeding Rates for Abbott Nutrition Therapeutic Nutritional Products

1.0 Cal/mL Products Hourly Feeding Rates											
Calories per Day	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Hours Fed	mL/hour										
6	167	184	200	217	234	250	267	284	300	317	334
8	125	138	150	163	175	188	200	213	225	238	250
12	84	92	100	109	117	125	134	142	150	159	167
16	63	69	75	82	88	94	100	107	113	119	125
18	56	62	67	73	78	84	89	95	100	106	112
20	50	55	60	65	70	75	80	85	90	95	100
22	46	50	55	60	64	69	73	78	82	87	91
24	42	46	50	55	59	63	67	71	75	80	84
Total Daily Volume in mL	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000

Hourly Tube-Feeding Rates for Abbott Nutrition Therapeutic Nutritional Products

1.06 Cal/mL Products Hourly Feeding Rates												
Calories per Day	1000	1100	1200	1300	1400	1500	1590	1600	1700	1800	1900	2000
Hours Fed	mL/hour											
6	158	173	189	205	221	236	250	252	268	284	299	315
8	118	130	142	154	166	177	188	189	201	213	225	236
12	79	87	95	103	110	118	125	126	134	142	150	158
16	59	65	71	77	83	89	94	95	101	107	112	118
18	53	58	63	69	74	79	84	84	90	95	100	105
20	48	52	57	62	66	71	75	76	81	85	90	95
22	43	48	52	56	60	65	68	69	73	78	82	86
24	40	44	48	52	55	59	63	63	67	71	75	79
Total Daily Volume in mL	944	1038	1132	1227	1321	1416	1500	1510	1604	1699	1793	1887

Hourly Tube-Feeding Rates for Abbott Nutrition Therapeutic Nutritional Products

1.2 Cal/mL Products Hourly Feeding Rates											
Calories per Day	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Hours Fed	mL/hour										
6	139	153	167	181	195	209	223	237	250	264	278
8	105	115	125	136	146	157	167	178	188	198	209
12	70	77	84	91	98	105	112	118	125	132	139
16	53	58	63	68	73	79	84	89	94	99	105
18	46	51	56	61	65	70	75	79	84	88	93
20	42	46	50	55	59	63	67	71	75	80	84
22	38	42	46	50	53	57	61	65	69	72	76
24	35	39	42	46	49	53	56	59	63	66	70
Total Daily Volume in mL	834	917	1000	1084	1167	1250	1334	1417	1500	1584	1667

Hourly Tube-Feeding Rates for Abbott Nutrition Therapeutic Nutritional Products

1.3 Cal/mL Products Hourly Feeding Rates											
Calories per Day	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Hours Fed	mL/hour										
6	128	141	154	167	179	192	205	218	231	244	256
8	96	106	115	125	135	144	154	163	173	183	192
12	64	71	77	83	90	96	103	109	115	122	128
16	48	53	58	63	67	72	77	82	87	91	96
18	43	47	51	56	60	64	68	73	77	81	85
20	38	42	46	50	54	58	62	65	69	73	77
22	35	38	42	45	49	52	56	59	63	66	70
24	32	35	38	42	45	48	51	54	58	61	64
Total Daily Volume in mL	769	846	923	1000	1077	1154	1231	1308	1385	1462	1538

Hourly Tube-Feeding Rates for Abbott Nutrition Therapeutic Nutritional Products




1.5 Cal/mL Products Hourly Feeding Rates											
Calories per Day	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Hours Fed	mL/hour										
6	112	123	134	145	156	167	178	189	200	212	223
8	84	92	100	109	117	125	134	142	150	159	167
12	56	62	67	73	78	84	89	95	100	106	112
16	42	46	50	55	59	63	67	71	75	80	84
18	37	41	45	49	52	56	60	63	67	71	75
20	34	37	40	44	47	50	54	57	60	64	67
22	31	34	37	40	43	46	49	52	55	58	61
24	28	31	34	37	39	42	45	48	50	53	56
Total Daily Volume in mL	667	734	800	867	934	1000	1067	1134	1200	1267	1334

Hourly Tube-Feeding Rates for Abbott Nutrition Therapeutic Nutritional Products

1.8 Cal/mL Products Hourly Feeding Rates													
Calories per Day		1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100
Hours Fed	mL/hour												
Nepro [®] with Carb Steady [™] Protein, g	44.5	48.9	53.4	57.8	62.2	66.6	71.1	75.5	80	84.4	88.9	93.4	97.8
Suplena [®] with Carb Steady [™] Protein, g	25.6	28.1	30.7	33.2	35.8	38.3	40.9	43.4	46	48.5	51.1	53.7	56.2
6	93	102	111	120	130	139	148	157	167	176	185	194	204
8	70	76	83	90	97	104	111	118	125	132	139	146	153
12	46	51	56	60	65	69	74	79	83	88	93	97	102
16	35	38	42	45	49	52	56	59	63	66	69	73	76
18	31	34	37	40	43	46	49	52	56	59	62	65	68
20	28	31	33	36	39	42	44	47	50	53	56	58	61
22	25	28	30	33	35	38	40	43	45	48	51	53	56
24	23	25	28	30	32	35	37	39	42	44	46	49	51
Total Daily Volume in mL	556	611	667	722	778	833	889	944	1000	1055	1111	1167	1222

Hourly Tube-Feeding Rates for Abbott Nutrition Therapeutic Nutritional Products

2.0 Cal/mL Products Hourly Feeding Rates											
Calories per Day	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000
Hours Fed	mL/hour										
6	83	92	100	108	117	125	133	142	150	158	167
8	63	69	75	81	88	94	100	106	113	119	125
12	42	46	50	54	58	63	67	71	75	79	83
16	31	34	38	41	44	47	50	53	56	59	63
18	28	31	33	36	39	42	44	47	50	53	56
20	25	28	30	33	35	38	40	43	45	48	50
22	23	25	27	30	32	34	36	39	41	43	45
24	21	23	25	27	29	31	33	35	38	40	42
Total Daily Volume in mL	500	550	600	650	700	750	800	850	900	950	1000

Primary Issue		2009 Critical Care Nutrition Guideline Support ¹	Consider
Mechanical Ventilation With Pulmonary Inflammation* 	Inflammation-Modulating	E2: Patients with ARDS and severe acute lung injury (ALI) should be placed on an enteral formulation characterized by an anti-inflammatory lipid profile (ie, omega-3 fish oils, borage oil) and antioxidants. (Grade: A)	Oxepa® <ul style="list-style-type: none"> • Omega-3 fatty acid (fish oil)[†] • Borage oil • Elevated antioxidants
Trauma Burns Surgery Head/Neck Cancer 	Immune Support	E1: Immune-modulating enteral formulations (supplemented with agents such as arginine, glutamine, nucleic acid, omega-3 fatty acids, and antioxidants) should be used for the appropriate patient population (major elective surgery, trauma, burns, head and neck cancer, and critically ill patients on mechanical ventilation), with caution in patients with severe sepsis. (Grade: A – Surgical ICU; Grade: B – Medical ICU) C4: Ongoing assessment of adequacy of protein provision should be performed. In patients with BMI <30, protein requirements should be in the range of 1.2–2.0 g/kg actual body weight per day, and may likely be even higher in burn or multi-trauma patients. (Grade: E) C5: In the critically ill obese patient, permissive underfeeding or hypocaloric feeding with EN is recommended. Protein should be provided in the range ≥2.0 g/kg ideal body weight per day for patients with BMI ranging from 30–40 and ≥2.5 g/kg ideal body weight per day for BMI ≥40. (Grade: D)	Added Arginine: Pivot® 1.5 Cal <ul style="list-style-type: none"> • Arginine (supplemental) • Glutamine (inherent) • Omega-3 fatty acid (fish oil)[†] • Elevated antioxidants • Very high protein No Added Arginine: Vital AF 1.2 Cal® <ul style="list-style-type: none"> • Omega-3 fatty acid (fish oil)[†] • Elevated antioxidants • High protein
GI Intolerance Malabsorption Tube-Feeding Associated Diarrhea Severe Acute Pancreatitis Transitioning From TPN 	Tolerance	E4: If there is evidence of diarrhea, soluble fiber-containing or small peptide formulations may be utilized. (Grade: E) F4: Soluble fiber may be beneficial for the fully resuscitated, hemodynamically stable critically ill patient receiving EN who develops diarrhea. Insoluble fiber should be avoided in all critically ill patients. Both soluble and insoluble fiber should be avoided in patients at high risk for bowel ischemia or severe dysmotility. (Grade: C) K4: Tolerance to EN in patients with severe acute pancreatitis may be enhanced by: changing the content of the EN delivered from intact protein to small peptides, and long-chain fatty acids to medium-chain triglycerides or a nearly fat-free elemental formulation. (Grade: E)	Vital AF 1.2 Cal® <ul style="list-style-type: none"> • Peptides • Soluble fiber • MCT Vital® 1.5 Cal <ul style="list-style-type: none"> • Peptides • Soluble fiber • MCT Vital® 1.0 Cal <ul style="list-style-type: none"> • Peptides • Soluble fiber • MCT Vital® HN <ul style="list-style-type: none"> • Peptides • Low fat

Additional Product Features

- Calorically dense (1.5 Cal/mL)
- Low carbohydrate (28.1% Cal)

- Calorically dense (1.5 Cal/mL)
- Arginine 13 g/L (supplemental)
- Fish oil-based structured lipid[†]
- 93.8 g/L protein
- Peptide based[§]
- NutraFlora[®] scFOS[®] prebiotic^{||}

- 1.2 Cal/mL
- Fish oil-based structured lipid[†]
- 75 g/L protein
- Peptide based[§] whey-dominant protein
- NutraFlora scFOS prebiotic^{||}

- 1.2 Cal/mL
- 75 g/L protein
- Peptide based[§] whey-dominant protein
- Fish oil-based structured lipid[†]
- NutraFlora scFOS prebiotic^{||}
- Elevated antioxidants

- Calorically dense (1.5 Cal/mL)
- Peptide based[§] whey-dominant protein
- NutraFlora scFOS prebiotic^{||}
- Canola-based structured lipid[†]
- Elevated antioxidants

- 1.0 Cal/mL
- Peptide based[§] whey-dominant protein
- NutraFlora scFOS prebiotic^{||}
- Canola-based structured lipid[†]
- Elevated antioxidants

- 1.0 Cal/mL (standard dilution)
- Peptide based[§] and free amino acids
- < 4 g of fat/300-Cal serving

* Secondary to sepsis, ALI, ARDS. ALI and ARDS defined as P/F ratio (PaO₂/FIO₂) < 300 mm Hg and < 200 mm Hg, respectively.

† Omega-3 fatty acids help modulate inflammation and support immune function.^{2,3}

‡ Structured lipid, a well-tolerated^{4,5} and absorbed⁴ next-generation fat to promote absorption of fatty acids.

§ Compared with free amino acids or intact protein, peptide-based proteins have been shown to promote enhanced absorption,⁶⁻⁹ better maintenance of GI tract integrity,¹⁰ and better tolerance.^{11,12}

|| NutraFlora scFOS is a prebiotic soluble fiber that provides fuel for beneficial bacteria in the colon.

1. Abbreviated from McClave SA, et al. *JPEN J Parenter Enteral Nutr.* 2009;33(3):277-316.
2. Calder PC. *Clin Nutr.* 2010;29:5-12.
3. Calder PC. *Prostaglandins Leukot Essent Fatty Acids.* 2008;79:101-108.
4. McKenna MC, et al. *J Pediatr Gastroenterol Nutr.* 1985;4:45-51.
5. Kenler AS, et al. *Ann Surg.* 1996;223(3):316-333.
6. Silk DB, et al. *JPEN J Parenter Enteral Nutr.* 1980;4(6):548-553.
7. Fairclough PD, et al. *Gut.* 1980;21:829-834.
8. Grimble GK, et al. *Clin Sci.* 1986;71(1):65-69.
9. Ziegler F, et al. *Gut.* 1990;31:1277-1283.
10. Zaloga GP. Intact proteins, peptides, and amino acid formulas. In: Zaloga GP, ed. *Nutrition In Critical Care.* St Louis: Mosby;1994:59-80.
11. Brinson RR, et al. *Crit Care Med.* 1987;5:506-609.
12. Brinson RR, et al. *Crit Care Med.* 1988;16:130-136.

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Guidelines for the Provision and Assessment of Nutrition Support Therapy in the Adult Critically Ill Patient:

Table 1. Grading System Used for These Guidelines

Grade of recommendation

- A Supported by at least two level I investigations
- B Supported by one level I investigation
- C Supported by level II investigations only
- D Supported by at least two level III investigations
- E Supported by level IV or level V evidence

Level of evidence

- I Large, randomized trials with clear-cut results; low risk of false-positive (alpha) error or false-negative (beta) error
- II Small, randomized trials with uncertain results; moderate to high risk of false-positive (alpha) and/or false-negative (beta) error
- III Nonrandomized, contemporaneous controls
- IV Nonrandomized, historical controls
- V Case series, uncontrolled studies, and expert opinion

A. Initiate Enteral Feeding

- A1.** Traditional nutrition assessment tools (albumin, prealbumin, and anthropometry) are not validated in critical care. Before initiation of feedings, assessment should include evaluation of weight loss and previous nutrient intake prior to admission, level of disease severity, comorbid conditions, and function of the gastrointestinal (GI) tract. (Grade: E)
- A2.** Nutrition support therapy in the form of enteral nutrition (EN) should be initiated in the critically ill patient who is unable to maintain volitional intake. (Grade: C)
- A3.** EN is the preferred route of feeding over parenteral nutrition (PN) for the critically ill patient who requires nutrition support therapy. (Grade: B)
- A4.** Enteral feeding should be started early within the first 24–48 hours following admission. (Grade: C) The feedings should be advanced toward goal over the next 48–72 hours. (Grade: E)
- A5.** In the setting of hemodynamic compromise (patients requiring significant hemodynamic support including high dose catecholamine agents, alone or in combination with large volume fluid or blood product resuscitation to maintain cellular perfusion), EN should be withheld until the patient is fully resuscitated and/or stable. (Grade: E)
- A6.** In the ICU patient population, neither the presence nor absence

of bowel sounds nor evidence of passage of flatus and stool is required for the initiation of enteral feeding. (Grade: B)

A7. Either gastric or small bowel feeding is acceptable in the ICU setting. Critically ill patients should be fed via an enteral access tube placed in the small bowel if at high risk for aspiration or after showing intolerance to gastric feeding. (Grade: C) Withholding of enteral feeding for repeated high gastric residual volumes alone may be sufficient reason to switch to small bowel feeding (the definition for high gastric residual volume is likely to vary from one hospital to the next, as determined by individual institutional protocol). (Grade: E) (See guideline D4 for recommendations on gastric residual volumes, identifying high-risk patients, and reducing chances for aspiration.)

B. When to Use Parenteral Nutrition

B1. If early EN is not feasible or available the first 7 days following admission to the ICU, no nutrition support therapy (ie, STD therapy) should be provided. (Grade: C) In the patient who was previously healthy prior to critical illness with no evidence of protein-calorie malnutrition, use of PN should be reserved and initiated only after the first 7 days of hospitalization (when EN is not available). (Grade: E)

B2. If there is evidence of protein-calorie malnutrition on admission and EN is not feasible, it is appropriate to initiate PN as soon as possible following admission and adequate resuscitation. (Grade: C)

B3. If a patient is expected to undergo major upper GI surgery and EN is not feasible, PN should be provided under very specific conditions:

- If the patient is malnourished, PN should be initiated 5–7 days preoperatively and continued into the postoperative period. (Grade: B)
- PN should not be initiated in the immediate postoperative period but should be delayed for 5–7 days (should EN continue not to be feasible). (Grade: B)
- PN therapy provided for a duration of <5–7 days would be expected to have no outcome effect and may result in increased risk to the patient. Thus, PN should be initiated only if the duration of therapy is anticipated to be ≥7 days. (Grade: B)

C. Dosing of Enteral Feeding

C1. The target goal of EN (defined by energy requirements) should be determined and clearly identified at the time of initiation of nutrition support therapy. (Grade: C) Energy

requirements may be calculated by predictive equations or measured by indirect calorimetry. Predictive equations should be used with caution, as they provide a less accurate measure of energy requirements than indirect calorimetry in the individual patient. In the obese patient, the predictive equations are even more problematic without availability of indirect calorimetry. (Grade: E)

C2. Efforts to provide >50%–65% of goal calories should be made in order to achieve the clinical benefit of EN over the first week of hospitalization. (Grade: C)

C3. If unable to meet energy requirements (100% of target goal calories) after 7–10 days by the enteral route alone, consider initiating supplemental PN. (Grade: E) Initiating supplemental PN prior to this 7–10 day period in the patient already receiving EN does not improve outcome and may be detrimental to the patient. (Grade: C)

C4. Ongoing assessment of adequacy of protein provision should be performed. The use of additional modular protein supplements is a common practice, as standard enteral formulations tend to have a high non-protein calorie:nitrogen ratio. In patients with body mass index (BMI) <30, protein requirements should be in the range of 1.2–2.0 g/kg actual

body weight per day, and may likely be even higher in burn or multi-trauma patients. (Grade: E)

C5. In the critically ill obese patient, permissive underfeeding or hypocaloric feeding with EN is recommended. For all classes of obesity where BMI is >30, the goal of the EN regimen should not exceed 60%–70% of target energy requirements or 11–14 kcal/kg actual body weight per day (or 22–25 kcal/kg ideal body weight per day). Protein should be provided in a range ≥ 2.0 g/kg ideal body weight per day for Class I and II patients (BMI 30–40), ≥ 2.5 g/kg ideal body weight per day for Class III (BMI ≥ 40). Determining energy requirements is discussed in guideline C1. (Grade: D)

D. Monitoring Tolerance and Adequacy of Enteral Nutrition

D1. In the ICU setting, evidence of bowel motility (resolution of clinical ileus) is not required in order to initiate EN in the ICU. (Grade: E)

D2. Patients should be monitored for tolerance of EN (determined by patient complaints of pain and/or distention, physical exam, passage of flatus and stool, abdominal radiographs). (Grade: E) Inappropriate cessation of EN should be avoided. (Grade: E) Holding EN for gastric residual

volumes <500 mL in the absence of other signs of intolerance should be avoided. (Grade: B) The time period that a patient is made nil per os (NPO) prior to, during, and immediately following the time of diagnostic tests or procedures should be minimized to prevent inadequate delivery of nutrients and prolonged periods of ileus. Ileus may be propagated by NPO status. (Grade: C)

D3. Use of enteral feeding protocols increases the overall percentage of goal calories provided and should be implemented. (Grade: C)

D4. Patients placed on EN should be assessed for risk of aspiration. (Grade: E) Steps to reduce risk of aspiration should be employed. (Grade: E)

The following measures have been shown to reduce risk of aspiration:

- In all intubated ICU patients receiving EN, the head of the bed should be elevated 30°–45°. (Grade: C)
- For high-risk patients or those shown to be intolerant to gastric feeding, delivery of EN should be switched to continuous infusion. (Grade: D)
- Agents to promote motility such as prokinetic drugs

(metoclopramide and erythromycin) or narcotic antagonists (naloxone and alvimopan) should be initiated where clinically feasible. (Grade: C)

- Diverting the level of feeding by post-pyloric tube placement should be considered. (Grade: C)
- Use of chlorhexidine mouthwash twice a day should be considered to reduce risk of ventilator-associated pneumonia. (Grade: C)

D5. Blue food coloring and glucose oxidase strips, as surrogate markers for aspiration, should not be used in the critical care setting. (Grade: E)

D6. Development of diarrhea associated with enteral tube feedings warrants further evaluation for etiology. (Grade: E)

E. Selection of Appropriate Enteral Formulation

E1. Immune-modulating enteral formulations (supplemented with agents such as arginine, glutamine, nucleic acid, ω-3 fatty acids, and antioxidants) should be used for the appropriate patient population (major elective surgery, trauma, burns, head and neck cancer, and critically ill patients on mechanical ventilation), with caution in patients with severe sepsis.

(For surgical ICU patients, Grade: A)

(For medical ICU patients, Grade: B)

ICU patients not meeting criteria for immune-modulating formulations should receive standard enteral formulations.

(Grade: B)

E2. Patients with ARDS and severe acute lung injury (ALI) should be placed on an enteral formulation characterized by an anti-inflammatory lipid profile (ie, ω -3 fish oils, borage oil) and antioxidants. (Grade: A)

E3. To receive optimal therapeutic benefit from the immune-modulating formulations, at least 50%–65% of goal energy requirements should be delivered. (Grade: C)

E4. If there is evidence of diarrhea, soluble fiber-containing or small peptide formulations may be utilized. (Grade: E)

F. Adjunctive Therapy

F1. Administration of probiotic agents has been shown to improve outcome (most consistently by decreasing infection) in specific critically ill patient populations involving transplantation, major abdominal surgery, and severe

trauma. (Grade: C) No recommendation can currently be made for use of probiotics in the general ICU population due to a lack of consistent outcome effect. It appears that each species may have different effects and variable impact on patient outcome, making it difficult to make broad categorical recommendations. Similarly, no recommendation can currently be made for use of probiotics in patients with severe acute necrotizing pancreatitis, based on the disparity of evidence in the literature and the heterogeneity of the bacterial strains utilized.

F2. A combination of antioxidant vitamins and trace minerals (specifically including selenium) should be provided to all critically ill patients receiving specialized nutrition therapy. (Grade: B)

F3. The addition of enteral glutamine to an EN regimen (not already containing supplemental glutamine) should be considered in burn, trauma, and mixed ICU patients. (Grade: B)

F4. Soluble fiber may be beneficial for the fully resuscitated,

hemodynamically stable critically ill patient receiving EN who develops diarrhea. Insoluble fiber should be avoided in all critically ill patients. Both soluble and insoluble fiber should be avoided in patients at high risk for bowel ischemia or severe dysmotility. (Grade: C)

G. When Indicated, Maximize Efficacy of Parenteral Nutrition

G1. If EN is not available or feasible, the need for PN therapy should be evaluated (see guidelines B1, B2, B3, C3). (Grade: C) If the patient is deemed to be a candidate for PN, steps to maximize efficacy (regarding dose, content, monitoring, and choice of supplemental additives) should be used. (Grade: C)

G2. In all ICU patients receiving PN, mild permissive underfeeding should be considered at least initially. Once energy requirements are determined, 80% of these requirements should serve as the ultimate goal or dose of parenteral feeding. (Grade: C) Eventually, as the patient stabilizes, PN may be increased to meet energy requirements. (Grade: E) For obese patients (BMI \geq 30), the dose of PN with regard to protein and caloric provision should follow the same recommendations given for EN in guideline C5. (Grade: D)

G3. In the first week of hospitalization in the ICU, when PN is required and EN is not feasible, patients should be given a parenteral formulation without soy-based lipids. (Grade: D)

G4. A protocol should be in place to promote moderately strict control of serum glucose when providing nutrition support therapy. (Grade: B) A range of 110–150 mg/dL may be most appropriate. (Grade: E)

G5. When PN is used in the critical care setting, consideration should be given to supplementation with parenteral glutamine. (Grade: C)

G6. In patients stabilized on PN, periodically repeated efforts should be made to initiate EN. As tolerance improves and the volume of EN calories delivered increases, the amount of PN calories supplied should be reduced. PN should not be terminated until \geq 60% of target energy requirements are being delivered by the enteral route. (Grade: E)

H. Pulmonary Failure

H1. Specialty high-lipid low-carbohydrate formulations designed to manipulate the respiratory quotient and reduce CO₂ production are not recommended for routine use in ICU

patients with acute respiratory failure. (Grade: E) (This is not to be confused with guideline E2 for ARDS/ALI).

H2. Fluid-restricted calorically dense formulations should be considered for patients with acute respiratory failure. (Grade: E)

H3. Serum phosphate levels should be monitored closely and replaced appropriately when needed. (Grade: E)

I. Renal Failure

I1. ICU patients with acute renal failure (ARF) or acute kidney injury (AKI) should be placed on standard enteral formulations, and standard ICU recommendations for protein and calorie provision should be followed. If significant electrolyte abnormalities exist or develop, a specialty formulation designed for renal failure (with appropriate electrolyte profile) may be considered. (Grade: E)

I2. Patients receiving hemodialysis or continuous renal replacement therapy (CRRT) should receive increased protein, up to a maximum of 2.5 g/kg/d. Protein should not be restricted in patients with renal insufficiency as a means to avoid or delay initiation of dialysis therapy. (Grade: C)

J. Hepatic Failure

J1. Traditional assessment tools should be used with caution in patients with cirrhosis and hepatic failure, as these tools are less accurate and less reliable due to complications of ascites, intravascular volume depletion, edema, portal hypertension, and hypoalbuminemia. (Grade: E)

J2. EN is the preferred route of nutrition therapy in ICU patients with acute and/or chronic liver disease. Nutrition regimens should avoid restricting protein in patients with liver failure. (Grade: E)

J3. Standard enteral formulations should be used in ICU patients with acute and chronic liver disease. Branched chain amino acid formulations (BCAA) should be reserved for the rare encephalopathic patient who is refractory to standard treatment with luminal acting antibiotics and lactulose. (Grade: C)

K. Acute Pancreatitis

K1. On admission, patients with acute pancreatitis should be evaluated for disease severity. (Grade: E) Patients with severe acute pancreatitis should have a nasoenteric tube placed and EN initiated as soon as fluid volume resuscitation is complete.

(Grade: C)

K2. Patients with mild to moderate acute pancreatitis do not require nutrition support therapy (unless an unexpected complication develops or there is failure to advance to oral diet within 7 days). (Grade: C)

K3. Patients with severe acute pancreatitis may be fed enterally by the gastric or jejunal route. (Grade: C)

K4. Tolerance to EN in patients with severe acute pancreatitis may be enhanced by the following measures:

- Minimizing the period of ileus after admission by early initiation of EN. (Grade: D)
- Displacing the level of infusion of EN more distally in the GI tract. (Grade: C)
- Changing the content of the EN delivered from intact protein to small peptides, and long-chain fatty acids to medium-chain triglycerides or a nearly fat-free elemental formulation. (Grade: E)
- Switching from bolus to continuous infusion. (Grade: C)

K5. For the patient with severe acute pancreatitis, when EN is not feasible, use of PN should be considered (Grade: C)

PN should not be initiated until after the first 5 days of hospitalization. (Grade: E)

L. Nutrition Therapy in End-of-Life Situations

L1. Specialized nutrition therapy is not obligatory in cases of futile care or end-of-life situations. The decision to provide nutrition therapy should be based on effective patient/family communication, realistic goals, and respect for patient autonomy. (Grade: E)

McClave SA et al. Guidelines for the Provision and Assessment of Nutrition Support Therapy in the Adult Critically Ill Patient: Society of Critical Care Medicine (SCCM) and American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.). *JPEN J Parenter Enteral Nutr.* 2009;33(3):277-316.

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ICU Terms and Key Information

ICU Terms

- ALI** Acute Lung Injury
- PaO₂** The partial pressure of arterial oxygen
- FiO₂** The fraction of inspired oxygen
- PEEP** Positive end-expiratory pressure
- PaO₂/FiO₂** Oxygenation of the blood
- ARDS** Acute Respiratory Distress Syndrome
- SIRS** Systemic Inflammatory Response Syndrome
- CARS** Compensatory Anti-Inflammatory Response Syndrome
- PaCO₂** The partial pressure of arterial carbon dioxide

What to Look For

- ALI** = PaO₂/FiO₂ <300 mm Hg
- ARDS** = PaO₂/FiO₂ <200 mm Hg
- SIRS** =
 - Abnormal temperature (>100.4° F [38° C] or <96.8° F [36° C])
 - Tachycardia (increased heart rate) >90 beats/minute
 - Increased respiratory rate >20 breaths/minute or PaO₂ <32 mm Hg
 - Abnormal white blood count (WBC >12,000/mm³, or <4,000/mm³, or >10% immature band cells [neutrophils])

Where to Find the Information

- Patient's medical record (chart)
 - Progress notes
 - Respiratory flow sheets
 - Laboratory reports (blood gases)
- Check with the attending RN, RT, or MD

Parameters Monitored in the ICU:

- Ventilator settings—PEEP, FiO₂, etc.
- Arterial blood gases—PaO₂ and PaCO₂
- Oxygen saturation
- Tolerance
- Nutritional markers

Note: This item is provided as a reference tool only. Further information regarding lab values, etc, should be obtained when assessing patient status.

Abbott Nutrition Metabolic Formulas

A line of medical foods designed to meet the specialized nutrient needs of infants, children, and adults with inherited metabolic disorders requiring specific nutrition support tailored to their condition. Must be used under medical supervision.

Stock Code

Infant/Toddler Products

(All metabolic formulas are available by case containing six 400-g cans, with the exception of Calcilo XD® [375-g cans], ProViMin® [150-g cans], and RCF® [12- 384-mL cans of concentrated liquid])

53328	Calcilo XD® Low-Calcium/Vitamin D-Free Infant Formula With Iron
51144	Cyclinex®-1 Amino Acid-Modified Medical Food With Iron Powder
51140	Glutarex® -1 Amino Acid-Modified Medical Food With Iron Powder
51116	Hominex®-1 Amino Acid-Modified Medical Food With Iron Powder
51136	I-Valex®-1 Amino Acid-Modified Medical Food With Iron Powder
51112	Ketonex®-1 Amino Acid-Modified Medical Food With Iron Powder
51120	Phenex™-1 Amino Acid-Modified Medical Food With Iron Powder
51132	Propimex®-1 Amino Acid Modified Medical Food With Iron Powder
51148	Pro-Phree® Protein-Free Energy Module With Iron, Vitamins & Minerals

50260	ProViMin® Protein-Vitamin-Mineral Formula Component With Iron
00108	RCF® No Added Carbohydrate Soy Infant Formula Base with Iron
51128.	Tyrex®-1 Amino Acid-Modified Medical Food With Iron Powder

Stock Code

Child/Adult Products

51146	Cyclinex®-2 Amino Acid-Modified Medical Food Powder
51142	Glutarex®-2 Amino Acid-Modified Medical Food Powder
51118	Hominex®-2 Amino Acid-Modified Medical Food Powder
51138	I-Valex®-2 Amino Acid-Modified Medical Food Powder
51114	Ketonex®-2 Amino Acid-Modified Medical Food Powder
55755	Phenex™-2 Vanilla Amino Acid-Modified Medical Food Powder
51122	Phenex®-2 Unflavored Amino Acid-Modified Medical Food Powder
51134.	Propimex®-2 Amino Acid-Modified Medical Food Powder
51126	Tyrex®-2 Amino Acid-Modified Medical Food Powder

Abbott Nutrition Medical Nutritional Products Retail List Numbers

Product	Flavor	List No.	NDC Format Code
EleCare® (14.1-fl-oz can)	Unflavored	55251	70074-0535-11
EleCare® Jr. (14.1-fl-oz can)	Unflavored	55253	70074-0552-54
	Vanilla.....	56585	70074-0565-86
Ensure® (8-fl-oz bottle)	Vanilla.....	57243	70074-0407-11
	Milk Chocolate.....	57231	70074-0407-01
	Strawberry	57234	70074-0407-05
	Butter Pecan.....	57240	70074-0517-85
	Dark Chocolate.....	53806	70074-0538-07
	Coffee Latte	57237	70074-0560-16
Ensure Clear® (10-fl-oz bottle)	Blueberry Pomegranate.....	56500	70074-0565-02
	Peach.....	56604	70074-0566-06
	Mixed Fruit.....	62479	70074-0624-80
Ensure Complete™ (8-fl-oz bottle)	Vanilla.....	62761	70074-0627-62
	Milk Chocolate.....	62758	70074-0627-59
Ensure® High Protein Shake (14-fl-oz bottle)	Vanilla.....	50459	70074-0504-57
	Chocolate	50515	70074-0504-69

Abbott Nutrition Medical Nutritional Products Retail List Numbers, cont.

Product	Flavor	List No.	NDC Format Code
Ensure® Muscle Health (8-fl-oz bottle)	Vanilla.....	56476.....	70074-0564-77
	Milk Chocolate.....	56479.....	70074-0564-80
	Strawberry.....	56482.....	70074-0564-83
	Banana.....	56485.....	70074-0564-86
Ensure Plus® (8-fl-oz bottle)	Vanilla.....	57263.....	70074-0407-07
	Milk Chocolate.....	57266.....	70074-0407-02
	Strawberry.....	57269.....	70074-0407-18
	Butter Pecan.....	57272.....	70074-0517-87
	Dark Chocolate.....	53809.....	70074-0538-10
Ensure® Powder (14-oz bottle)	Vanilla.....	00750.....	70074-0607-50
Glucerna® Hunger Smart™ Shake (11.5-fl-oz bottle)	Homemade Vanilla.....	62059.....	70074-0620-60
	Rich Chocolate.....	62062.....	70074-0620-63
Glucerna® Hunger Smart™ Snack Bar (40-g bar)	Chocolate Chip Crisp.....	62074.....	70074-0620-75
	Chocolate Peanut Butter.....	62077.....	70074-0620-78
Glucerna® Meal Bar (58-g bar)	Chocolate Peanut.....	57616.....	70074-0576-17
	Chocolate Chunk.....	57603.....	70074-0576-04
Glucerna® Mini-Snack Bar (20-g bar)	Oatmeal Raisin.....	59704.....	70074-0597-05
	Chocolate Peanut.....	59708.....	70074-0597-09

Abbott Nutrition Medical Nutritional Products Retail List Numbers, cont.

Product	Flavor	List No.	NDC Format Code
Glucerna® Shake (8-fl-oz bottle)	Homemade Vanilla.....	57801	70074-0578-03
	Rich Chocolate	57804	70074-0578-06
	Creamy Strawberry.....	57807	70074-0578-09
	Classic Butter Pecan	57810	70074-0578-12
Glucerna® Snack Bar (40-g bar)	Chocolate Caramel.....	56957	70074-0569-58
	Double Chocolate Crisp	56681	70074-0566-82
Glucerna® Snack Shake (8-fl-oz can)	Homemade Vanilla.....	59856	70074-0598-58
	Creamy Chocolate Delight.....	59859	70074-0598-61
Juven® (0.85-oz packet/8 packets per box)	Orange.....	59365	N/A
	Fruit Punch	56622	59781-0566-23
Nepro® with Carb Steady® (8-fl-oz plastic bottle)	Homemade Vanilla.....	53633	70074-0536-34
Pedialyte® (33.8-fl-oz plastic bottle)	Unflavored	00336	70074-0803-36
	Grape.....	00240	70074-0802-40
	Fruit.....	00365	70074-0803-65
	Bubble Gum.....	51752	70074-0517-53
	Strawberry	53983	70074-0539-84

Abbott Nutrition Medical Nutritional Products Retail List Numbers, cont.

Product	Flavor	List No.	NDC Format Code
Pedialyte® (2.1-fl-oz sleeve Freezer Pops)	Grape, Cherry, Orange, and Blue Raspberry	62605	70074-0002-46
(0.3-oz Powder Packs)	Variety	56090	70074-0560-91
	Apple	56078	70074-0560-79
	Fruit Punch	56081	70074-0560-82
Pedialyte® (6.8-fl-oz singles)	Apple	56439	70074-0574-26
PediaSure® (8-fl-oz bottle)	Vanilla	58049	70074-0580-50
	Chocolate	58058	70074-0580-59
	Strawberry	58055	70074-0580-56
	Banana	58052	70074-0580-53
PediaSure® With Fiber (8-fl-oz bottle)	Vanilla	58061	70074-0580-62
	Strawberry	56368	70074-0563-69
PediaSure SideKicks® 0.63 Cal/mL (8-fl-oz bottle)	Vanilla	62486	70074-0624-87
	Chocolate	62484	70074-0624-85
	Strawberry	62482	70074-0624-83
PediaSure SideKicks® Clear (6.8-fl-oz carton)	Wild Berry	62130	70074-0621-31
	Tropical Fruit	62125	70074-0621-26

Abbott Nutrition Web Sites

www.AbbottNutrition.com

Abbott Nutrition Web site provides detailed nutritional information on all Abbott Nutrition products with links to all other Abbott Nutrition Web sites for health care professionals and business customers. It also offers third-party coverage information, including general Medicare, Medicaid, and private insurance policy information for many Abbott Nutrition products.

www.AbbottStore.com

Patients can purchase Abbott Nutrition adult and pediatric nutritional products on this site for convenient home delivery. This is an excellent source for those hard-to-find specialty products. Note: This site is not to be used to order products for resale or institutional use.

www.ANHI.org

At Abbott Nutrition Health Institute, we illuminate the power of science-based nutrition through education, advocacy, and collaboration. Our purpose is to support you in helping infants, children, and adults live healthier lives.

When you visit www.ANHI.org, you'll gain access to knowledge and information about nutrition solutions that

support your efforts in providing patient care. You'll learn how science-based nutrition therapy can improve outcomes and overall health. You'll become part of a community dedicated to advancing care and bettering lives through therapeutic nutrition. And you'll be introduced to the latest nutrition science topics from the leading experts in the field.

www.e-Abbott.com

This e-commerce tool links direct-purchase customers and Abbott Nutrition with faster invoicing and order confirmation 24 hours a day, 7 days a week. Previous orders can be repeated and changes made without re-keying. Invoices can be paid by Electronic Funds Transfer (EFT), a quick, convenient tool that has PIN-protected bank account information, e-mail notification of open invoices, extended payment terms, and online credit memos.

www.EleCare.com

This site provides health care providers and parents with valuable information and education about EleCare[®] and EleCare[®] Jr, Amino Acid-based formulas. In addition, information about indications for use, with links to applicable Web sites, is available.

Abbott Nutrition Web Sites, cont.

www.Ensure.com

This site is designed to help people learn more about Ensure® products and make smart choices about nutrition and lifestyle. Patients are offered the opportunity to chat live with an Abbott Nutrition dietitian, Monday through Friday, 8:30 AM to 5:00 PM Eastern time. Outside those hours, patients are encouraged to e-mail their questions for response within 24 hours. Patients can register for the *Ensure Health Connection*® e-newsletter. Each newsletter contains helpful information on nutrition and physical activity and occasional e-coupons good toward the purchase of Ensure products. The site also offers a variety of healthful recipes and other helpful tools.

www.Glucerna.com

This site provides product-specific information about the entire family of Glucerna® products, including Nutrition Facts panels. Learn about the unique blends of slowly digested carbohydrates in Glucerna products and the key ingredients scientifically designed to help meet the needs of people with diabetes. This site also offers testimonials from our consumers.

www.Juven.com

Provides consumers and health care professionals with information on Juven® and illness related to weight loss and healing. Brochures, recipes, and helpful forms are available to download.

www.Nepro.com

Helps consumers learn about Nepro® with Carb Steady®, a therapeutic nutrition drink designed to help meet the nutritional needs of patients on dialysis. Nepro is formulated to be high in protein while low in potassium, phosphorus, and sodium. Nepro.com features dialysis nutrition resources, recipes, and a way to join the Kidney Club for ongoing support.

www.Pedialyte.com

This site provides parents with valuable information on Pedialyte® oral electrolyte solution—the #1 Pediatrician-recommended brand. Pedialyte helps prevent dehydration due to diarrhea and vomiting. Pedialyte.com helps educate parents about how diarrhea and vomiting can lead to dehydration and how Pedialyte brand OES helps kids feel better fast!

Abbott Nutrition Web Sites, cont.

www.PediaSure.com

Offers information and education on PediaSure® Complete, Balanced Nutrition®, the #1 children's nutritional supplement to help kids grow. Parents can sign up for special offers and download PediaSure recipes that help add additional calories to their child's diet.

www.Similac.com/www.StrongMoms.com

A site for parents and parents-to-be, offering advice, information, and support to guide them from pregnancy through baby's first year. Parents can sign up for Similac® StrongMoms™ benefits, e-mail, and valuable offers on Similac infant formulas as well as premier partner offers.

Continuing Education Programs

Visit the Learning Center for Continuing Education at www.ANHI.org.

Our dynamic *Learning Center* offers a variety of valuable courses, and our *Resource Library* provides useful clinical information at your fingertips. Nurses and dietitians will find several selections of Online Independent Study to stay current and earn CEs or CPEUs. All health care professionals can find online courses of interest in areas of Pediatric and Adult Therapeutic Nutrition.

In addition, a wide variety of group education programs can be facilitated by your Abbott Nutrition Representative. Program topics include wound healing, tube feeding, prebiotics and nutrition.

Clinical Support HelpLine

Available during business hours, Monday through Friday, 8:30 AM to 5:00 PM ET. Please contact Abbott Nutrition Consumer Relations at **1-800-227-5767** for assistance with clinical questions. Their highly skilled representatives can answer your question. If not, your question will be referred to Abbott Nutrition Medical Affairs for an appropriate response.

Abbott Nutrition PATHWAY Reimbursement Support

The PATHWAY mission is to provide accurate and timely reimbursement information and materials to support patient access and outcomes. PATHWAY is a resource to help customers understand insurance benefits, available product coverage options, and potential eligibility.

The enhanced resources and services are available through www.abbottnutrition.com/pathway and our HelpLine. Contact the HelpLine with questions or requests at 1-800-558-7677, Monday through Friday, 8:30 AM to 5:00 PM ET.

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