



Sofia<sup>®</sup>  
Lyme FIA

# The ART of Lyme Testing



Accurate, objective and automated results in **as few as 3 minutes**



**Secure, remote instrument management** through the Virena ecosystem



**Excellent performance** compared to Western Blot



**Integrated data management** automatically stores test and user history



**Flexible, dual mode testing** for a variety of laboratory environments



User and patient ID captured with **onboard barcode scanner**

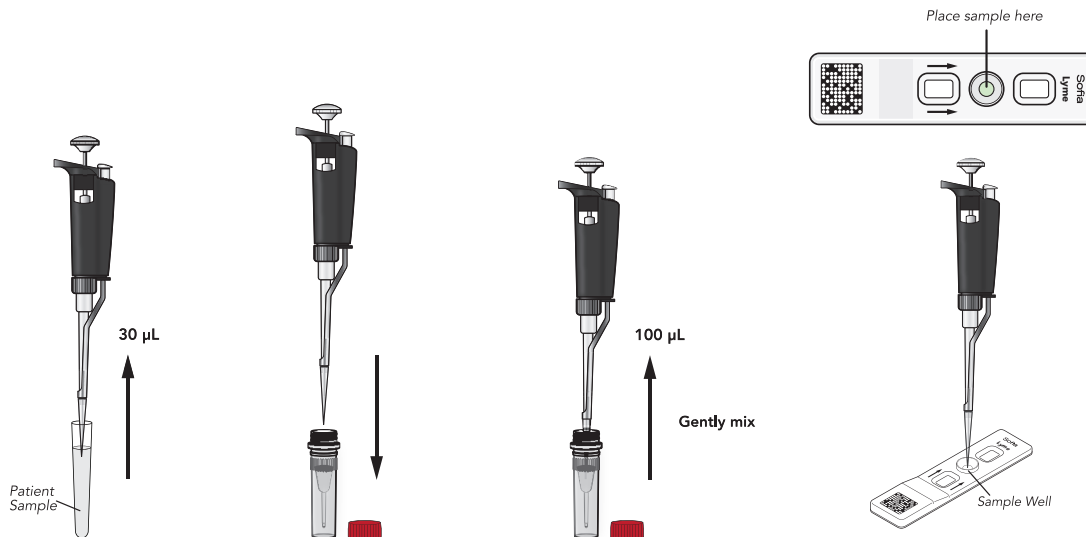
**Sofia 2** with **Advance Result Technology**  
*Delivering accurate, objective and automated results in as few as three minutes!*

**ART** ≥  
*Advance Result Technology*



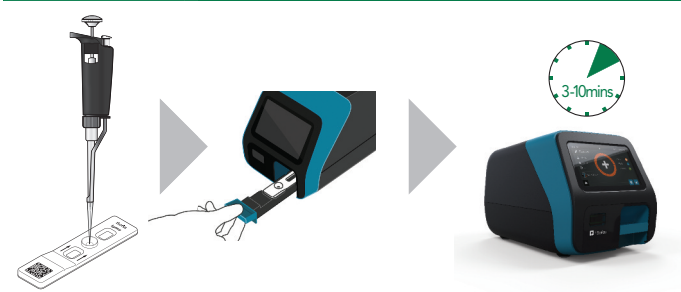
# Sofia Lyme FIA – Procedure

## Serum/Plasma

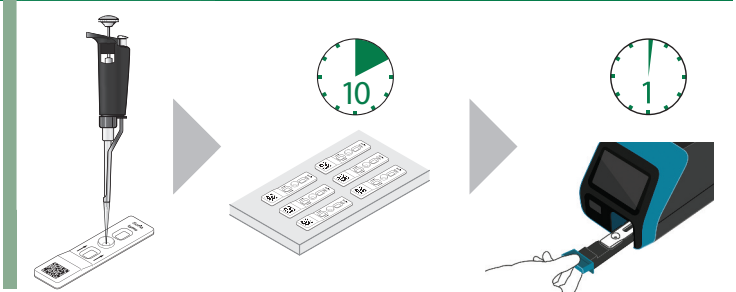


### Sofia 2 Development Modes

#### WALK AWAY Mode – Walk away and multitask



#### READ NOW Mode – Batch multiple samples per hour



### Sofia Lyme FIA

- Differentiated IgM and IgG results with a single test
- Objective and automated results with no equivocal zone
- Moderately complex for serum and plasma samples
- Room temperature storage
- 18-month shelf life from date of manufacture

\*Refer to the Package Insert for additional performance claims.

### Agreement with Predicate Assay and Western Blot\*

| Result Type  | Comparator Method | IgM   | IgG   |
|--------------|-------------------|-------|-------|
| Tier One PPA | Predicate Assay   | 84.1% | 90.6% |
| Tier One NPA | Predicate Assay   | 80.6% | 90.3% |
| Tier Two PPA | Western Blot      | 98%   | 100%  |

### Specificity\*

| Category    | IgM | IgG |
|-------------|-----|-----|
| Endemic     | 86% | 95% |
| Non-Endemic | 93% | 98% |

