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!
**Sofia Lyme FIA – Procedure**

**Serum/Plasma**

1. **30 µL**
   - **Patient Sample**

2. **100 µL**
   - **Gently mix**

**Sofia 2 Development Modes**

<table>
<thead>
<tr>
<th><strong>WALK AWAY Mode</strong> – Walk away and multitask</th>
<th><strong>READ NOW Mode</strong> – Batch multiple samples per hour</th>
</tr>
</thead>
</table>

**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
- 24-month shelf life from date of manufacture

**Agreement with Predicate Assay and Western Blot**

<table>
<thead>
<tr>
<th>Result Type</th>
<th>Comparator Method</th>
<th>IgM</th>
<th>IgG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier One PPA</td>
<td>Predicate Assay</td>
<td>84.1%</td>
<td>90.6%</td>
</tr>
<tr>
<td>Tier One NPA</td>
<td>Predicate Assay</td>
<td>80.6%</td>
<td>90.3%</td>
</tr>
<tr>
<td>Tier Two PPA</td>
<td>Western Blot</td>
<td>98%</td>
<td>100%</td>
</tr>
</tbody>
</table>

**Specificity**

<table>
<thead>
<tr>
<th>Category</th>
<th>IgM</th>
<th>IgG</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endemic</td>
<td>86%</td>
<td>95%</td>
</tr>
<tr>
<td>Non-Endemic</td>
<td>93%</td>
<td>98%</td>
</tr>
</tbody>
</table>

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

Sofia Lyme FIA – 25 Test Kit: Catalog #20298