SICKLECHECK™
Rapid Immunochromatographic assay for the simultaneous detection of Hb S and Hb A in human whole blood sample.

Intended Use:

Sicklecheck™ a rapid, self-performing, Immunochromatographic assay for the detection of Rheumatoid factors in human serum.

Sicklecheck™ kit components:

<table>
<thead>
<tr>
<th>Device</th>
<th>Membrane test assembly impregnated with colloidal gold conjugated to Anti-Hb S, Anti-Hb A antibody, Hb S &amp; Hb A and goat anti mouse IgG at the respective regions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buffer</td>
<td>Assay buffer</td>
</tr>
<tr>
<td>Sample Applicator</td>
<td>Disposable plastic sample dropper</td>
</tr>
<tr>
<td>Other Accessories</td>
<td>Desiccant pouch and Package Insert</td>
</tr>
</tbody>
</table>

Performance Characteristics:

| Accuracy: 97% | Specificity: specific to Hb A & Hb S |

FEATURES | BENEFITS
---|---
Utilizes monoclonal anti Hb A & anti Hb S antibodies | Facilitates specific detection of Hb A & Hb S
Differentiate Hb A & Hb S | Facilitates differentiation of sickle cell trait and disease
Competitive Immunochromatographic assay | No risk of prozoning
Excellent correlation with HPLC | Accuracy 97%
10µl Whole blood sample | Low specimen volume required
Simple test protocol | Suitable for use in field setting
Storage at 4°C-30°C | Suitable for most climatic conditions

Storage / Stability | Temperature | Duration | Available Pack Sizes
---|---|---|---
Unopened kit | 4°C - 30°C | 24 Months | 10 Tests
Opened kit | 4°C - 30°C | Use immediately |