**Virucheck® HBsAg**

**One step test dipstick for the detection of HBsAg in serum / plasma**

**Intended Use:**
Virucheck® HBsAg, a rapid, single step test dipstick for the detection of HBsAg in serum / plasma.

**Virucheck® HBsAg kit components:**

<table>
<thead>
<tr>
<th>Dipstick</th>
<th>Membrane test assembly predispensed with monoclonal anti HBsAg antiserum - colloidal gold conjugate, rabbit IgG colloidal gold conjugate and monoclonal anti HBsAg antiserum and anti-rabbit antiserum at the respective regions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other Accessories</td>
<td>Desiccant pouch and Package Insert</td>
</tr>
</tbody>
</table>

**Performance Characteristics:**

- **Sensitivity:** ~ 0.5 ng/ml of HBsAg  
  - **Specificity:** 100% specific to HBsAg (ad/ay subtypes)

**FEATURES**

- Monoclonal antibodies used in both the conjugate & test regions
- Antibodies directed against “a” determinant of HBsAg
- The two monoclonal antibodies are directed against non-overlapping epitopes of the “a” determinant
- HBR used
- ELISA & MEIA correlated assay Evaluated by CDC, USA  
  - Recommended for use in blood banks by DGHS, India  
  - Approved by DCGI, India
- Takes just 15 minutes to complete test
- Both device & dipstick formats available

**BENEFITS**

- High specificity
- Detects all subtypes of HBsAg
- Detects all sizes of HBsAg viz., LHBsAg, MHBsAg & SHBsAg
- Detects all genotypes of HBV
- Broad spectrum reactivity
- Ensures high sensitivity
- Detection limit: 0.5 ng/ml
- Blocks non-specific heterophile antibodies
- Ensures high specificity
- Extremely reliable performance
- Simple & rapid
- Flexibility of usage in all settings

**Storage / Stability**

<table>
<thead>
<tr>
<th>Temperature</th>
<th>Duration</th>
<th>Available Pack Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-30°C</td>
<td>24 Months</td>
<td>25 Tests</td>
</tr>
<tr>
<td>4-30°C</td>
<td>&lt; 1 Hour</td>
<td></td>
</tr>
</tbody>
</table>