ELI.H.A Range: Indirect HaemAgglutination (I.H.A)

Complete kits with liquid ready-to-use reagents
Results in 2 hours and reliable overnight

Mycology

- Candidiasis
- Aspergillosis

Parasitology

- Amoebiasis
- Bilharziosis (Schistosomiasis)
- Distomiasis
- Hydatidosis (Echinococcosis)
- Toxoplasmosis
**PRINCIPLE**

**ELI.H.A RANGE IS BASED ON INDIRECT HAEMAGGLUTINATION TESTING**
Sensitized sheep red blood cells are coated with antigens and added to the test serum. If the specific antibodies are present in the serum, they will agglutinate with the red blood cells and a red/brown deposit will appear on the bottom of the well. With a non-reactive serum, no agglutination occurs with the sensitized cells and they drop to the bottom of the well, forming a compact button.

**POSITIVE SERUM: DILUTION OF 1:640**

**METHODOLOGY**

**A SINGLE PROTOCOL FOR ALL OUR KITS**

1. First serum dilution
2. Microplate preparation
3. Serial dilution of serum & preparation of the “serum control” well
4. Addition of sensitized RBC and non sensitized RBC
5. Gently mix the plates & let stand for 2 hours before reading

![Diagram of the test protocol](image)

*Anti-Toxoplasma gondii IgM can be detected by adding 2-mercaptoethanol (not provided) to the buffer.

**KEY BENEFITS**
- Long shelf life (> 12 months)
- Simple protocol
- Cost effective
- Results in international units for ELI.H.A Toxo

**MYCOLOGY**

<table>
<thead>
<tr>
<th>REFERENCE</th>
<th>NAME</th>
<th>DIAGNOSIS OF</th>
<th>QTY</th>
<th>SENSITIVITY</th>
<th>SPECIFICITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>44600</td>
<td>ELI.H.A Candida</td>
<td>Candidiasis</td>
<td>120 Tests</td>
<td>85.4%</td>
<td>97.9%</td>
</tr>
<tr>
<td>44602</td>
<td>ELI.H.A Aspergillus</td>
<td>Aspergillosis</td>
<td>102 Tests</td>
<td>80%</td>
<td>98%</td>
</tr>
</tbody>
</table>

**PARASITOLOGY**

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<thead>
<tr>
<th>REFERENCE</th>
<th>NAME</th>
<th>DIAGNOSIS OF</th>
<th>QTY</th>
<th>SENSITIVITY</th>
<th>SPECIFICITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>66600</td>
<td>ELI.H.A Schistosoma</td>
<td>Bilharziosis</td>
<td>120 Tests</td>
<td>84.4%</td>
<td>96.9%</td>
</tr>
<tr>
<td>66602</td>
<td>ELI.H.A Amoeba</td>
<td>Amoebiasis*</td>
<td>120 Tests</td>
<td>93%</td>
<td>97%</td>
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<tr>
<td>66604</td>
<td>ELI.H.A Echinococcus</td>
<td>Hydatidosis</td>
<td>102 Tests</td>
<td>93%</td>
<td>94.9%</td>
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<tr>
<td>66606</td>
<td>ELI.H.A Distoma</td>
<td>Distomiasis</td>
<td>102 Tests</td>
<td>96.1%</td>
<td>96.6%</td>
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<tr>
<td>66610</td>
<td>ELI.H.A Toxo</td>
<td>Toxoplasmosis**</td>
<td>120 Tests</td>
<td>99.2%</td>
<td>97.7%</td>
</tr>
</tbody>
</table>

* Diagnosis of amoebiasis also available in our latex product range: ELITex Bicolor Amoeba (Ref. 66608)
** Diagnosis of toxoplasmosis also available in our latex product range: ELITex Toxo (Ref. 66612)