**ANTI-STREPTOLYSIN O SCREEN**

**Orderable - ASOT**

**Turnaround Time:** 7 days

**Alternate Name(s):**
ASO Screen and Titre

**Specimen:**
Serum - 5 mL Gold or 6 mL Red top Vacutainer tube
Minimum volume required 1 mL

**Reference Range:**

<table>
<thead>
<tr>
<th></th>
<th>Adults and Children ≥4 years: Negative &lt;200 IU/mL</th>
<th>Children ≤3 years: Negative &lt;50 IU/mL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Titre:</strong></td>
<td>A 4-fold rise or fall-in antibody titre is compatible with a recent streptococcal infection. The peak ASOT is usually achieved 3 to 5 weeks post infection, then declines over the next 6 to 8 weeks.</td>
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</tbody>
</table>

**Interpretive Comments:**
Screen detects antibodies to the enzyme streptolysin O. If screen test is positive, a semi-quantitative method will be done to determine the titre.