Intended Use:
Quantia® ASO is used for detection of Group A streptococcal infection such as sore throat, rheumatic fever and rheumatic heart disease.

Quantia® ASO Kit components:
- **Quantia® ASO Activation Buffer (R1)**: Ready to Use
- **Quantia® ASO latex Reagent (R2)**: Ready to use uniform suspension of polystyrene latex particles coated with stabilized Streptolysin 'O'
- **Quantia® ASO Calibrator**: A lyophilized preparation of ASO positive serum that is equivalent to stated amount of ASO on IU/ml basis, when hydrated appropriately
- **Other Accessories**: Package Insert, Graph paper

Performance Characteristics:
- **Measuring range**: 50-800 IU/ml
- **Prozone limit**: 1250 IU/ml
- **Specificity**: Purified Streptolysin 'O' specific for Anti-Streptolysin 'O' antibodies

**FEATURES**
- Complete kit includes Activation buffer, latex conjugated with Stabilized Streptolysin 'O' reagent and calibrator
- Calibrator traceable to International reference standard for Antistreptolysin 'O' (97/662)
- Optimized on Immediate mixed blanking procedure
- Well defined assay procedure
- Sample blanking and testing performed in same cuvette using single sample aliquot
- Ideal calibration curve

**BENEFITS**
- High Specificity to Antistreptolysin 'O'
- Ensures lot to lot reagent calibrator interface
- Facility of calibration in every kit
- Results aligned to International standards
- Good inter - method agreement in results
- Ensures blanking of sample and reagent
- No hidden cost of reagents for blanking
- Minimal risk of random errors resulting in improved precision
- Eliminates additional cost of reagents for blanking
- High precision
- Accurate values
- Minimum reruns
- No prozoning upto 1250 IU/ml
- High reagent - instrument interface
- High accuracy and precision
- Ideal pack size for all users

**Storage / Stability**

<table>
<thead>
<tr>
<th>Storage / Stability</th>
<th>Temperature</th>
<th>Duration</th>
<th>Available Pack Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unopened kit</td>
<td>2-8°C</td>
<td>12 months</td>
<td>50 Tests 150 Tests</td>
</tr>
<tr>
<td>In Use Stability</td>
<td>2-8°C</td>
<td>7 days</td>
<td></td>
</tr>
<tr>
<td>(Reconstituted Calibrator)</td>
<td>25-30°C</td>
<td>48 hours</td>
<td></td>
</tr>
</tbody>
</table>

**Suggested control**: Seroquant ASO Level 1