Quantia® Lp (a)
Quantitative turbidimetric immunoassay for the estimation of Lipoprotein (a) in human serum

Intended Use:
Quantia® Lp (a) is used in evaluating patients at risk of developing premature CAD (coronary artery disease) and CHD (coronary heart disease).

Quantia® Lp (a) Kit components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantia® Lp (a) Activation buffer (R1)</td>
<td>Ready to Use</td>
</tr>
<tr>
<td>Quantia® Lp (a) reagent (R2)</td>
<td>Ready to use solution of anti Lp (a) antibody</td>
</tr>
<tr>
<td>Quantia® Lp (a) Calibrator</td>
<td>Lyophilized preparation of serum equivalent to the stated amount of Lp (a) on mg/dl basis, when hydrated appropriately</td>
</tr>
<tr>
<td>Other Accessories</td>
<td>Package Insert, Graph paper</td>
</tr>
</tbody>
</table>

Performance Characteristics:

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>10-160 mg/dl</td>
</tr>
<tr>
<td>Prozone limit</td>
<td>320 mg/dl</td>
</tr>
<tr>
<td>Specificity</td>
<td>Anti-Lp (a) antibody specific to Lp (a) in human serum</td>
</tr>
</tbody>
</table>

**Features**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
</tr>
</thead>
</table>
| Complete kit includes Activation buffer, Anti - Lp (a) reagent and calibrator | High Specificity to Lipoprotein (a)  
Ensures lot to lot reagent calibrator interface  
Facility of calibration in every kit                                           |
| Optimized on Immediate mixed blanking procedure                        | Eliminates need for separate reagent / sample blanking                                           |
| Well defined assay procedure                                           | Minimal risk of random errors resulting in improved precision  
No hidden costs of reagents for blanking                                      |
| Sample blanking and testing performed in same cuvette using single sample aliquot | High precision                                                                                  |
| Ideal calibration curve                                               | Accurate values                                                                                  |
| Measuring range: 10 - 160 mg/dl                                       | Minimum reruns                                                                                  |
| Security range upto 320 mg/dl                                         | No prozoning upto 320 mg/dl                                                                      |
| Standardized and programmable on Quantiamate Turbidimetry analyzer    | Ideal reagent - instrument interface  
High Accuracy and precision                                              |
| Convenient pack size of 25/50 Tests                                   | Ideal pack size for medium and large users                                                       |

Storage / Stability

<table>
<thead>
<tr>
<th>Condition</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>18 months</td>
<td>25 Tests 50 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

<table>
<thead>
<tr>
<th>Control</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seroquant Lp (a) Level 1</td>
<td></td>
</tr>
</tbody>
</table>