Quantia® MA
Quantitative turbidimetric immunoassay for determination of Microalbuminuria

Intended Use:
Quantia® MA is used for the detection of Microalbuminuria. Monitoring the effect of ACE inhibitor or intervention strategies for reducing urinary albumin excretion (UAE).

Quantia® MA Kit components:

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Quantia® MA Buffer</strong> (R1)</td>
<td>Ready to Use</td>
</tr>
<tr>
<td><strong>Quantia® MA Anti human albumin reagent (R2)</strong></td>
<td>Ready to use solution of anti-human albumin antibody</td>
</tr>
<tr>
<td><strong>Quantia® MA Calibrator</strong></td>
<td>Ready to use albumin solution equal to the stated amount of albumin on mg/L basis</td>
</tr>
</tbody>
</table>

Other Accessories:
Package Insert, Graph paper

Performance Characteristics:

- **Measuring range:** 25-400 mg/L
- **Prozone limit:** 1000 mg/L
- **Specificity:** Anti-human albumin antibody specific to human albumin

**FEATURES**
- Complete kit includes Activation buffer, Anti-human albumin reagent and calibrator
- Calibrator traceable to IFCC reference preparation ‘CRM 470’
- Reagents 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
- Wide measuring range: 25 - 400 mg/L
- Security range upto 1000 mg/L
- Standardized and programmable on Quantiamate Turbidimetry analyzer
- Convenient pack size of 50/150 Tests

**BENEFITS**
- High specificity to human albumin
- Ensures lot to lot reagent calibrator interface
- Facility of calibration in every kit
- Results aligned to International standards
- Good inter - method agreement in results
- Eliminates need for separate reagent 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 within pathophysiological concentrations of albumin
- High reagent - instrument interface
- High Accuracy and precise values
- Ideal for medium and large labs

**Storage / Stability**

<table>
<thead>
<tr>
<th></th>
<th>Temperature</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Unopened kit</strong></td>
<td>2-8°C</td>
<td>12 months</td>
</tr>
<tr>
<td><strong>In Use Stability</strong></td>
<td>2-8°C</td>
<td>7 days</td>
</tr>
<tr>
<td>(Ready to use calibrator)</td>
<td>25-30°C</td>
<td>48 hours</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Available Pack Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 Tests</td>
</tr>
<tr>
<td>150 Tests</td>
</tr>
</tbody>
</table>

Suggested control: Seroquant MA Level 1