Quantia® CRP-UV
Quantitative turbidimetric immunoassay for determination of C-Reactive Protein

Intended Use:
Quantia® CRP-UV is used for the detection of inflammatory conditions, measuring the severity of conditions, differential diagnosis of bacterial and viral infections and is also used for monitoring response to therapy.

Quantia® CRP-UV Kit components:

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quantia® CRP-UV Activation Buffer (R1)</td>
<td>Ready to Use</td>
</tr>
<tr>
<td>Quantia® CRP-UV Antibody Reagent (R2)</td>
<td>Ready to use solution of anti-CRP antibody.</td>
</tr>
<tr>
<td>Quantia® CRP-UV Calibrator</td>
<td>A lyophilized preparation of serum equivalent to the stated amount of CRP on a 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>Measuring range: 0.6 - 10 mg/dl</th>
<th>Prozone limit: 100 mg/dl</th>
</tr>
</thead>
</table>

Specificity: Anti-CRP antibodies of IgG class specific to CRP

FEATURES BENEFITS

- Complete kit includes Activation buffer, Anti-CRP reagent and calibrator
  - High Specificity to C-reactive protein
  - Ensures lot to lot reagent calibrator interface
  - Facility of calibration in every kit

- Calibrator traceable to International reference standard (85/506) for C-reactive protein
  - Results aligned to International standards
  - Good inter-method agreement in results

- Reagent optimized on Real sample blanking procedure
  - Ensures true blanking of sample
  - Eliminates need for separate reagent blanking

- Well defined assay procedure
  - Minimal risk of random errors resulting in improved precision
  - Eliminates additional cost of reagents for blanking

- Ideal sample volumes 50 µl
  - Minimum risk of errors

- Sample blanking and testing performed in same cuvette using single sample aliquot
  - High precision

- Ideal calibration curve
  - Accurate values

- Wide measuring range of 0.6 - 10 mg/dl
  - Minimum reruns

- Security range up to 100 mg/dl
  - No prozoning within the pathophysiological concentrations of CRP

- Standardized and programmable on Quantiamate Turbidimetry analyzer
  - High reagent-instrument interface
  - High Accuracy and precise values

- Convenient pack size of 50 Tests/150 Tests
  - Ideal for medium and large labs

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</td>
</tr>
<tr>
<td>In Use Stability</td>
<td>2-8°C</td>
<td>7 days</td>
<td>150 Tests</td>
</tr>
<tr>
<td>(Reconstituted Calibrator)</td>
<td>25-30°C</td>
<td>48 hours</td>
<td></td>
</tr>
</tbody>
</table>

Suggested control: Seroquant CRP-UV Level 1