HYALURONIC ACID LT | Latex agglutination method
For the quantitative determination of Hyaluronic Acid (HA) in serum and plasma

- Liver fibrosis assessment
- Fast, automated determination of HA in serum or plasma samples (10 min)
- Highly precise
- Applicable to numerous clinical chemistry analyzers
- Wide measuring range

**Principle**

The patient sample is mixed with a recombinant hyaluronic acid binding protein (HABP). Latex particles coated by anti-HABP antibodies are added and bind to HABP - HA complexes resulting in increasing turbidity. The degree of turbidity is proportional to the concentration of HA in the sample.

**Procedure**

37 °C

\[
\begin{array}{cccccc}
0 & 3.2 & 4.2 & 8.3 & 10 (\text{min}) \\
\end{array}
\]

Sample: 3 µL
R1: 180 µL
R2: 60 µL

Wavelength
Main: 800nm
Sub: –
(AU640)
Liver Disease | HA LT

KITS

### Correlation

![Correlation Graph](image)

### Range

10 – 1000 ng/mL

### Linearity

![Linearity Graphs](image)

### Interference

Interfering substances such as hemoglobin, bilirubin, intrafat, ascorbic acid, heparin, citrate, EDTA and sodium fluoride do not affect the measurements when they are used in their respective common quantities.

### CE Applications

- AU400
- AU5400
- Modular
- AU600
- Architect C8000
- Cobas 6000
- AU640
- Hitachi 912
- Advia 1800/ BM 6050
- AU2700
- Hitachi 917
- BM 1650

### Ordering

<table>
<thead>
<tr>
<th>Code No.</th>
<th>Product</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>992-71185</td>
<td>Hyaluronic acid LT</td>
<td>R1: 2 x 15 mL&lt;br&gt;R2: 2 x 6 mL</td>
</tr>
<tr>
<td>993-71095</td>
<td>Hyaluronic acid LT</td>
<td>R1: 2 x 31 mL&lt;br&gt;R2: 2 x 11 mL</td>
</tr>
<tr>
<td>993-71115</td>
<td>HA Calibrator Set</td>
<td>CAL: 5 conc. x 2 mL</td>
</tr>
<tr>
<td>998-71165</td>
<td>HA Control Set</td>
<td>CONTROL: 2 x 2 conc. x 2 mL</td>
</tr>
</tbody>
</table>