β-Hydroxybutyrate LiquiColor® test

An automated, quantitative ketone test

- Earlier detection of clinically significant ketosis
- Improved ER and CDU throughput and efficiency
- Greater precision and sensitivity
- Results captured in your LIS

For more information about β-HB visit our portal: www.ekfusa.com/bhb

We also offer a Peer Group QC platform for Stanbio β-HB controls. Visit ekfusa.com/peer-group-qc for more information.
Quantitative β-Hydroxybutyrate results

β-Hydroxybutyrate is the main ketone body produced during ketosis (78%). Traditional nitroprusside methods, however, detect just 22% of the ketones present.

During ketosis, β-Hydroxybutyrate increases more than the levels of acetone and acetoacetate.

Quantitative, objective β-Hydroxybutyrate results provide a better tool for determining and monitoring ketosis.

β-Hydroxybutyrate: Key Benefits and Features:

- Quantifiable results tracked in an LIS system
- Earlier detection of clinically significant ketosis
- Improves ER and CDU throughput
- Enzymatic reaction
- Low cost-per-test
- High sensitivity and precision
- Automated analyzer applications available
- Uses serum or plasma
- Controls and linearity standards available

Available applications

The β-HB test is available on over 30 chemistry analyzer platforms with downloadable applications. Liquid stable reagents can be used on any open channel analyzer. Results can then be captured in an LIS for easy reference.

<table>
<thead>
<tr>
<th>Reference</th>
<th>Product Name</th>
<th>Methodology</th>
<th>Contents</th>
<th>Linearity</th>
<th>Read (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2440-058</td>
<td>β-Hydroxybutyrate LiquiColor® (Endpoint)</td>
<td>β-Hydroxybutyrate dehydrogenase / INT</td>
<td>RT: 1 x 50 mL, R2: 1 x 8.5 mL, STD: 1 x 3 mL (1 mmol/L)</td>
<td>4.5 mmol/L</td>
<td>505</td>
</tr>
<tr>
<td>B2440-180</td>
<td>β-Hydroxybutyrate LiquiColor® (Endpoint) (Beckman Synchron CX/LX/DX)</td>
<td>β-Hydroxybutyrate dehydrogenase / INT</td>
<td>2 x 90 tests</td>
<td>Instrument specific</td>
<td>520</td>
</tr>
<tr>
<td>2465-605</td>
<td>β-Hydroxybutyrate / TDM Bi-Level controls</td>
<td>Liquid-ready-to-use</td>
<td>6 x 5 mL</td>
<td></td>
<td></td>
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<tr>
<td>2460-605</td>
<td>β-Hydroxybutyrate / TDM Tri-Level controls</td>
<td>Liquid-ready-to-use</td>
<td>6 x 5 mL</td>
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<tr>
<td>2450-604</td>
<td>β-Hydroxybutyrate / TDM Linearity Standards</td>
<td>Liquid-ready-to-use</td>
<td>6 x 4 mL</td>
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</tbody>
</table>

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Distributed by

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