An assay useful for monitoring glycemic control in diabetic patients.

Clinical Application

- GlycoMark is an assay reflective of postprandial glucose (PPG) spikes\(^1\)
- PPG spikes may affect patients who appear in control and can lead to cardiovascular complications\(^2\)
- GlycoMark tests for a simple sugar called 1,5 AG that targets glycemic response above the renal threshold
- Useful as an adjunct to routine A1c testing\(^1\)
- GlycoMark testing for 1,5 AG helps monitor the effectiveness of therapeutics targeting PPG\(^1,2\)
- Testing for 1,5 AG provides a more rapid and sensitive response to hyperglycemia than A1c\(^1,2\)
- Depicts recent 2 week status rather than 2 month average\(^3\)
- 1,5 AG blood levels can be affected by clinical conditions or medications\(^4\)

Scientific Expertise of Esoterix Endocrine Sciences

- Industry-leading Endocrine Sciences laboratory with 40+ year history
- Extensive diabetes test menu including diabetes antibody profiles
- Assay methods developed, validated, and maintained on site by PhD-level scientists
- Complete normative data from premature infants to elderly adults
- PhD and MD consultation available

Superior Service

- Comprehensive services for the endocrinology specialist
- Extensive network of managed care health plans
- Flexible connectivity options for test ordering and result reporting
- Patient service centers located nationwide
- Courier and logistics services
- Local sales representation

Utilize GlycoMark to target and monitor specific therapeutics for PPG

Glucose Control and Indication for Glycemic Tests
(GlycoMark Reflects Postprandial Hyperglycemia)
Utilizing GlycoMark to Reach Glycemic Goals

<table>
<thead>
<tr>
<th>GlycoMark (µg/mL)</th>
<th>Target fasting glucose</th>
<th>Target after-meal glucose</th>
</tr>
</thead>
<tbody>
<tr>
<td>(&gt;10) normal PPG</td>
<td>Metformin, sulfonylurea, basal insulin</td>
<td>Exenatide, sitagliptin, prandial insulin, maintain fasting therapy</td>
</tr>
<tr>
<td>(&lt;10) elevated PPG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Moderately controlled patients (A1c < 8.5%)

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<tr>
<th>GlycoMark (µg/mL)</th>
<th>Normal PPG</th>
<th>Elevated PPG</th>
</tr>
</thead>
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<tr>
<td>(&gt;10)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(&lt;10)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Endocrine Sciences direct accounts: Please use the following codes to order directly from the laboratory via Esoterix services:

<table>
<thead>
<tr>
<th>Test N°</th>
<th>Test Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>500115</td>
<td>GlycoMark®</td>
</tr>
<tr>
<td>502226</td>
<td>GlycoMark® and HbA1c</td>
</tr>
<tr>
<td>503205</td>
<td>Hemoglobin (Hb) A1c With GlycoMark® Reflex</td>
</tr>
</tbody>
</table>

Visit the online Test Menu at www.LabCorp.com for full test information, including CPT codes and specimen collection requirements.

Note: GlycoMark may be used monthly.

References