Mannan Binding Lectin (MBL)
Test Code: 33

Clinical and Procedure

Clinical Utility
Mannan-binding lectin (MBL) is an acute-phase, carbohydrate-binding serum protein secreted by the liver that plays a central role in the innate immune system. Structurally MBL is a C1q-like molecule that in association with MBL associated serine proteases (MASPs) binds to surface carbohydrates on bacteria, fungi, viruses and protozoa making them accessible for phagocytosis through MBL receptors or by activating the complement cascade via the recently elucidated MBL or lectin pathway.

Procedure
Enzyme Immunoassay. The test uses a monoclonal antibody against the oligomeric MBL carbohydrate-binding domain for both capture and detection. The specificity of this monoclonal antibody for oligomeric MBL has been previously reported. This test has not been cleared or approved for diagnostic use by the U.S. Food and Drug Administration.

Turnaround Time
5-7 business days from receipt of specimen

Specimen Information

<table>
<thead>
<tr>
<th>Specimen Type</th>
<th>Order Code</th>
<th>CPT Code</th>
<th>NY Approved</th>
<th>Volume</th>
<th>Assay Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>serum</td>
<td>33</td>
<td>86160</td>
<td>Yes</td>
<td>1 mL (min. 100 uL)</td>
<td>The assay range is approximately 50 to 4000.</td>
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</tbody>
</table>

Special Instructions
- Collect 1 mL, no special shipping requirements.
- Stability 4 weeks ambient, 4 weeks refrigerated, >4 weeks frozen.

Disclaimer
Specimens are approved for testing in New York only when indicated in the Specimen Information field above.

The CPT codes provided are based on Viracor Eurofins' interpretation of the American Medical Association's Current Procedural Terminology (CPT) codes and are provided for general informational purposes only. CPT coding is the sole responsibility of the billing party. Questions regarding coding should be addressed to your local Medicare carrier. Viracor Eurofins assumes no responsibility for billing errors due to reliance on the CPT codes illustrated in this material.

References