Galactose-alpha-1,3 galactose (Alpha-Gal) IgE
Test Code: 30039

Clinical and Procedure

Clinical Utility
The Galactose-alpha-1,3-galactose (Alpha-Gal) IgE test more specifically defines the etiology of allergic responses to meat allergens in patients with a delayed onset of symptoms (3 to 6 hours after meal). IgE to Alpha-Gal is the likely cause of anaphylactic reactions in individuals who develop hypersensitivities to beef, pork and/or lamb as adults.

Procedure
Solid phase immunoassay with alpha-galactose-1-3-galactose as the bound antigen. Calibrated against total IgE standards from WHO Reference 75/502 to generate results in kilounits of IgE. This test has not been cleared or approved for diagnostic use by the U.S. Food and Drug Administration.

Turnaround Time
1-2 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>
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</thead>
<tbody>
<tr>
<td>serum</td>
<td>30039</td>
<td>86008</td>
<td>Yes</td>
<td>0.5 mL (min. 340 µL)</td>
<td>0.1 -100 kU/L</td>
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</table>

Special Instructions
- Collect 1-2 mL whole blood in red top tube.
- Centrifuge and transfer 0.5 mL serum into a transfer tube.
- Ship at ambient or frozen temperature Monday through Friday.
- Specimens are stable for 4 weeks refrigerated or ambient; freeze for longer storage.

The reference range for Alpha Gal IgE is < 0.10. Level at or above 0.1 indicates IgE is detected and patient is at risk for an allergic reaction.

Causes for Rejection
Lipemic samples may lead to rejection

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
