

Cotton Seed IgG4

Test Code: 182522

Clinical and Procedure

Clinical Utility

Physicians sometimes use allergen-specific IgG4 to monitor patients undergoing immunotherapy. Increasing IgG4 responses following the administration of immunotherapy generally correlate with a positive treatment outcome.

Procedure

Enzyme immunoassay (FEIA). A standard curve is used to calculate the specific IgG concentrations. The calibrators are referenced to the International Reference Preparation for serum immunoglobulins. This test has not been cleared or approved for diagnostic use by the U.S. Food and Drug Administration.

Turnaround Time

2-3 business days from receipt of specimen

Specimen Information

Specimen Type	Order Code	CPT Code	NY Approved	Volume	Assay Range
Serum	182522	86001	No	0.5 mL (min. 150 uL)	See Limit of Quantitation Guide

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 1 week ambient, 4 weeks refrigerated; freeze for storage greater than 4 weeks.

	mcg/mL of IgG4
Lower Limit of Quantitation	0.15
Upper Limit of Quantitation	30.0

Reference ranges vary by allergen.

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



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Hamilton RG. Assessment of human allergic disease. In: Rich RR, Fleisher TA, Shearer WT, Kotzin BL and Schroeder HW (eds). Clinical Immunology, Principles & Practice, 2nd Ed., Chapter 124, Mosby, New York.