MAYO CLINIC LABORATORIES

Test Definition: FIGA

Anti-IgA

Overview

Method Name
Enzyme-Linked Immunosorbent Assay (ELISA)

NY State Available
Yes

Specimen

Specimen Type
Serum

Specimen Required
Specimen Type: Serum
Container/Tube: Red or SST
Specimen Volume: 1 mL

Collection Instructions: Draw blood in a plain, red-top tube(s) or serum gel tube(s). Spin down and send 1 mL of serum refrigerate in a plastic vial.

Specimen Minimum Volume
0.5 mL

Reject Due To

Hemolysis:	NA
Thawing:	Warm OK; Cold OK
Lipemia:	NA
Icterus:	NA
Other:	NA

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	7 days	
	Frozen	30 days	
	Ambient	7 days	

Clinical & Interpretive

Clinical Information

For the evaluation of patients with recurrent infection for the possibility of IgA deficiency (IgAD). Patients with IgA deficiency may develop antibodies against IgA that make them susceptible to adverse reactions to blood products including intravenous immunoglobulin.

Reference Values

<99 U/mL

Patients with IgG antibodies against IgA may suffer from anaphylactoid reactions when given IVIG that contains small quantities of IgA. In one study (Clinical Immunology 2007; 122:156) five out of eight patients with IgG anti-IgA antibodies developed anaphylactoid reactions when IVIG was administered.

Clinical Reference

Hammarstrom L, Vorechovsky I, Webster D. Selective IgA deficiency (SIgAD) and common variable immunodeficiency (CVID). Clin Exp Immunol. 2000; 120:225-231.
- Burrows D, Cooper MD: IgA Deficiency. Adv Immunol 1997; 65:245-276.
- Aghamohammadi A, Mohammadi J, Parvaneh N, Rezael N, Moin M, Espanol T. and Hammarstrom L. Progression of Selective IgA
Deficiency to Common Variable Immunodeficiency. Int Arch Allergy Immunol 2008;147:87-92.
Horn J, Thon V, Bartonkova D, Salzer U, warnatz K, Schlesier M, Peter H, and Grimbacher B. Anti-IgA antibodies in Common
Variable Immunodeficiency (CVID): Diagnostic workup and therapeutic strategy. Clin Immunol 2007;122:156-162.

Performance

Method Description

ELISA using human polyclonal IgA coupled to the solid phase.

PDF Report

No

Day(s) Performed

Thursday

Report Available

5 to 16 days

Performing Laboratory Location

Eurofins Viracor

Fees & Codes

Fees

- Authorized users can sign in to Test Prices for detailed fee information.
- Clients without access to Test Prices can contact Customer Service 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact Customer Service.

Test Classification

This test was developed and its performance characteristics determined by Viracor Eurofins. It has not been cleared or approved by the U.S. Food and Drug Administration.

CPT Code Information

83520

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FIGA	Anti-IgA	13312-4

Result ID	Test Result Name	Result LOINC® Value
FIGA	Anti-IgA	13312-4