MAYO CLINIC LABORATORIES

Test Definition: FC4AL

C4 Level by RIA

Overview

Method Name
Radioimmunoassay (RIA)

NY State Available
Yes

Specimen

Specimen Type
Plasma EDTA

Specimen Required
Supplies: Sarstedt Aliquot Tube, 5 mL (T914)
Container/Tube: Lavender top (plasma gel tubes are **not acceptable**)
Submission Container/Tube: Plastic vial
Specimen Volume: 1.5 mL Plasma
Collection Instructions:
1. Mix well.
2. Within 30 minutes of collection centrifuge at 1600 (+/-200) x *g* (rcf) at 4 degrees C for 15 minutes.
3. Aliquot 1.5 mL of plasma into a plastic vial.
4. Freeze plasma immediately at -20 degrees C for up to 4 weeks or, ideally, at -60 degrees C or below for up to 1 year.
5. Send frozen.

Specimen Minimum Volume
Plasma: 0.5 mL

Reject Due To

Gross hemolysis	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen	365 days	

Clinical & Interpretive

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Clinical Information
Refer to www.nationaljewish.org/for-professionals/diagnostic-testing/advanced-diagnostic-laboratories/search-for-tests

Reference Values
0-2830 ng/mL

Interpretation
Elevated C4a levels are indicative of classical and/or lectin pathway activation.

Performance

PDF Report
No

Day(s) Performed
Monday through Friday

Report Available
9 to 14 days

Performing Laboratory Location
National Jewish Health

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
The performance characteristics for this test have been validated by National Jewish Health. It has not been cleared or approved by the U.S. Food and Drug Administration. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions. This laboratory is certified under the Clinical Laboratory Improvement Amendments of 1988 (CLIA-88) as qualified to perform high complexity clinical laboratory testing.

CPT Code Information
86160

LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FC4AL	C4a Level	Not Provided

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Result ID	Test Result Name	Result LOINC® Value
FC4AL	C4a Level	Not Provided