

## Overview

**Method Name**

Radioimmunoassay (RIA)

**NY State Available**

Yes

## Specimen

**Specimen Type**

Plasma EDTA

**Specimen Required**

**Container/Tube:** Lavender top (plasma gel tube/PST 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.
3. Freeze immediately at -20 degrees C for up to 4 weeks or, ideally, at -60 degrees C or below for up to 1 year.
4. Send frozen.

**Specimen Minimum Volume**

Plasma: 0.5 mL

**Reject Due To**

Gross hemolysis	Reject
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**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
Plasma EDTA	Frozen	365 days	

## Clinical & Interpretive

**Clinical Information**

Refer to [www.nationaljewish.org/for-professionals/diagnostic-testing/advanced-diagnostic-laboratories/search-for-tests](http://www.nationaljewish.org/for-professionals/diagnostic-testing/advanced-diagnostic-laboratories/search-for-tests)

**Reference Values**

0-780 ng/mL

**Interpretation**

Elevated C3a levels are indicative of classical, alternative and/or lectin pathway activation.

**Performance****PDF Report**

No

**Day(s) Performed**

Monday through Friday

**Report Available**

21 to 44 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 of 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
FC3AR	C3a Level	4488-3

Result ID	Test Result Name	Result LOINC® Value
FC3AR	C3a Level	4488-3