

Diagnostic Laboratory Services

Complement Component 3 (C3)

**SPECIMENS SHOULD BE REFRIGERATED AFTER CENTRIFUGING
FOR COURIER TRANSPORT**

Test ID: C3, LAB3413

Explanation: Complement component 3 (C3) will be performed at Vanderbilt University Medical Center Diagnostic Laboratory. The orderable send out test C3-ARUP (LAB6065) will be inactivated on the effective date.

Use: Complement component 3 levels may assist in ruling out a complement deficiency.

Specimen Requirements:

Container	Gold Top (Serum)
Specimen Volume	1 mL Serum
Pediatric Requirements	2 Gold Microtainers

Specimen Stability Information:

2 – 8°C	1 Day
-20°C	8 Days

New Reference Intervals:

0 – 14 days	50 - 121 mg/dL
15 Days - < 1 Year	50 - 160 mg/dL
1 Year – 18 Years (Male)	83 - 152 mg/dL
19 Years – 80 Years (Female)	82 - 185 mg/dL

Previous Reference Intervals:

0-30 days	59 - 121 mg/dL
1 month	55 - 129 mg/dL
2 months	61 - 155 mg/dL
3 months	67 - 136 mg/dL
4 months	65 - 182 mg/dL
5 months	67 - 174 mg/dL
6 months	77 - 179 mg/dL
7-8 months	78 - 173 mg/dL
9-11 months	76 - 187 mg/dL
1 year	87- 181 mg/dL
2 year	84 - 177 mg/dL
3-4 years	80 - 178 mg/dL
5-11 years	80 - 160 mg/dL
12-17 years	82 - 163 mg/dL
18 years and older	90 - 180 mg/dL

New Methodology Interferences

Samples containing paraproteins (abnormal monoclonal antibodies) may interfere with test results. Samples with elevated total protein concentrations or samples from patients with suspected paraproteinemia can be screened using other laboratory methods such as protein electrophoresis. C3 results should be evaluated by comparing to other clinically relevant information.

Days Performed

Daily

Times Performed

Continuous

Turn Around Time

STAT: 1 Hour

Routine: 2 Hours

Note: The following test code will become obsolete.

Test Name	Test ID
C3-ARUP	LAB6065

Questions: Please get in touch with VUMC Lab Customer Service at 615-875-5227 (5-LABS) or visit our website: www.labVU.com