

Complement Component C3c and C4c

CPT Code: 86160 (x2)

Order Code: 57048

Alternative Names: C3 & C4 Complements

ABN Requirement: No

Specimen: Serum

Volume: 1.0 mL

Minimum Volume: 0.5 mL

Container: Gel-barrier tube (SST, Tiger Top)

Collection:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

Transport: Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions included with the provided shipping box.

Stability:

Ambient (15-25°C): Not Acceptable

Refrigerated (2-8°C): 4 days

Frozen (-20°C): 21 days

Causes for Rejection: Specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Immunoturbidimetric

Turn Around Time: 2 to 3 days

Reference Range:

See individual tests

Clinical Significance: Decreased concentrations of both C3 and C4 suggest activation of the classical pathway, whereas decreased concentration of just C3 suggests activation of the alternative pathway. Both complement factors may be used to monitor activity of patients with systemic lupus erythematosus (SLE) and immune complex-induced vasculitis.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.