

Reporting Title: C4 Complement, Functional, S

Performing Location: Rochester

**Ordering Guidance:**

The total complement assay (COM / Complement, Total, Serum) should be used as a screen for suspected complement deficiencies before ordering individual complement component assays. A deficiency of an individual component of the complement cascade will result in an undetectable total complement level.

**Specimen Requirements:**

**Patient Preparation:** Fasting preferred

**Supplies:** Sarstedt 5 mL Aliquot Tube (T914)

**Collection Container/Tube:** Red top

**Submission Container/Tube:** Plastic vial

**Specimen Volume:** 1 mL

- Collection Instructions:**
1. Immediately after specimen collection, place the tube on wet ice.
  2. Centrifuge and aliquot serum into plastic vial.
  3. Immediately freeze specimen.

Specimen Type	Temperature	Time	Special Container
Serum Red	Frozen	14 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
C4FX	C4 Complement, Functional, S	Numeric	U/mL	93978-5

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

86161

**Reference Values:**

22-45 U/mL