



Test Definition: AH50

Alternative Complement Pathway, Functional,
Serum

Reporting Title: Alternative Complement Path Func, S

Performing Location: Mayo Clinic Laboratories - Rochester Superior Drive

Ordering Guidance:

COM / Complement, Total, Serum and this test are the most appropriate primary assays to use as screening methods for complement deficiencies. Abnormal results in one or the other, neither or both assays will help direct further testing.

This test is rarely useful when ordered in isolation.

Specimen Requirements:

Patient Preparation:

Fasting: 8 hours, preferred but not required

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube:

Preferred: Serum gel

Acceptable: Red top

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL

Collection Instructions:

1. Immediately after specimen collection, place the tube on wet ice and allow specimen to clot.
2. Centrifuge at 4 degrees C and aliquot serum into a plastic vial.
3. Freeze specimen within 30 minutes of centrifugation. Specimen must be placed on dry ice if not frozen immediately.

NOTE: If a refrigerated centrifuge is not available, it is acceptable to use a room temperature centrifuge, provided the specimen is kept on ice before centrifugation, and immediately afterward, the serum aliquoted and frozen.

Forms:

If not ordering electronically, complete, print, and send a [Renal Diagnostics Test Request](#) (T830) with the specimen.

Specimen Type	Temperature	Time	Special Container
Serum	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
88676	Alternative Complement Path Func, S	Numeric	%	74520-8

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

Supplemental Report:

No

CPT Code Information:

86161

Reference Values:

> or =46% normal