

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 8/20/1993
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

C5 Inhibitors Drug Monitoring Panel

ARUP test code 3005961

Complement C5, Concentration 19 mg/dL (Ref Interval: 7-20)

Normal C5 concentration suggests sufficient C5 protein level. In rare cases, C5 complement protein can be nonfunctional but present at normal levels. If clinically indicated, testing for C5 functional activity is suggested (test code 3005960).

Alternative Complement Pathway Activity 31 % Normal (Ref Interval: >=31)

Normal activity in complement alternative pathway functional (AH50) activity suggests normal presence and function of complement components C3-C9. However, normal AH50 result can also occur in the presence of low levels of complement components due to excess presence of complement proteins in human serum. If clinically indicated, measurement of individual complement components is recommended. Normal AH50 result with low total complement functional (CH50, test code 3002575) activity suggests defects in the classical complement pathway.

Complement Activity, Total Turbidimetric 69.0 U/mL (Ref Interval: 38.7-89.9)

Normal activity in total complement functional assay (CH50) suggests normal presence and function of complement components, C1-C9. However, normal CH50 result can also occur in the presence of low levels of complement components due to excess presence of complement proteins in human serum. If clinically indicated, measurement of individual complement components is recommended. Normal CH50 result with low complement alternate pathway functional (AH50, test code 2005373) activity suggests defects in the alternate pathway.

REFERENCE INTERVAL: Complement Activity Total, (CH50)

38.6 U/mL or lessLow
38.7-89.9 U/mLNormal
90.0 U/mL or greaterHigh

Complement C5, Functional 38.0 U/mL (Ref Interval: >=23.0)

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at:

Normal C5 functional activity suggests sufficient C5 protein levels and functional activity.

REFERENCE INTERVAL: Complement C5, Functional

Low: Less than 23 U/mL

Low-Normal: Greater than or equal to 23-28.3 U/mL

Normal: Greater than 28.3 U/mL

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the U.S. Food and Drug Administration. This test was performed in a CLIA-certified laboratory and is intended for clinical purposes.

C5 Inhibitors Drug Monitoring Pan Interp

See Note

INTERPRETIVE INFORMATION: C5 Inhibitors Drug Monitoring Panel

Patients treated with C5 inhibitors may show decreased/absent activity in total complement functional assay (CH50), alternative pathway functional assay (AH50), and C5 functional assay with normal or elevated C5 protein concentrations. Normal CH50, AH50, or C5 functional activity with normal or elevated C5 protein concentrations indicate inadequate complement blockage. Serial measurements are recommended when monitoring treatment efficacy. Decreases in both C5 concentration and C5 functional activity suggests a secondary consumption process or C5 deficiency. Repeat testing using a new specimen is suggested if in vitro complement activation and consumption of components due to conditions of collection, transport, and/or handling is suspected.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Complement C5, Concentration	23-233-123775	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alternative Complement Pathway Activity	23-233-123775	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Complement Activity, Total Turbidimetric	23-233-123775	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Complement C5, Functional	23-233-123775	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
C5 Inhibitors Drug Monitoring Pan Interp	23-233-123775	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: