

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 1/7/2019
Gender: Male
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Complement Activity Total, (CH50)

ARUP test code 3002575

Complement Activity, Total Turbidimetric **<13.1 U/mL L (Ref Interval: 38.7-89.9)**

Absent or low activity in total complement functional assay (CH50) indicates inherited or acquired deficiencies in complement components, or a secondary consumption process or response to therapy. Low CH50 result with normal complement alternate pathway functional (AH50, test code 2005373) activity suggests defects in classical complement pathway. Low CH50 and AH50 results suggest defects in late complement components, C3-C9 or a secondary consumption of complements. Low CH50 activity may occur during disease exacerbation in systemic lupus erythematosus, immune complex diseases such as glomerulonephritis, rheumatoid arthritis, cryoglobulinemia, or during infections. If low CH50 value is unexpected or does not correlate with the patient's clinical condition, repeat analysis with a fresh frozen serum specimen is suggested for verification.

REFERENCE INTERVAL: Complement Activity Total, (CH50)

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Complement Activity, Total Turbidimetric	23-254-401022	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: