

500 Chipeta Way, Salt Lake City, Utah 84108-1221

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Jonathan R. Genzen, MD, PhD, Chief Medical Officer

Patient Age/Sex: 57 years Female

Specimen Collected: 09-Jun-23 12:06

Alternative Complement Pathway Activity | **Received: 09-Jun-23 12:13** | **Report/Verified: 13-Jun-23 11:26**

Procedure	Result	Units	Reference Interval
Alternative Complement Pathway Activity	<16 ^L ^{f1} ⁱ¹	% Normal	[>=31]

Result Footnote

f1: Alternative Complement Pathway Activity

Absent or low complement alternative pathway functional (AH50) activity indicates inherited or acquired deficiencies in complement components, or a secondary consumption process or response to therapy. Low or absent AH50 activity with normal total complement functional (CH50, test code 3002575) activity suggests defects in alternate complement pathway. Low CH50 and AH50 results suggest defects in late complement components C3-C9 or a secondary consumption of complements. Low or absent AH50 activity due to abnormal control of the complement alternative pathway may occur in kidney diseases such as atypical hemolytic uremic syndrome, C3 glomerulonephritis, and dense-deposit disease, as well as in atypical postinfectious glomerulonephritis. If low AH50 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.

Test Information

i1: Alternative Complement Pathway Activity

*=Abnormal, #=Corrected, C=Critical, f=Result Footnote, H-High, i-Test Information, L-Low, t-Interpretive Text, @=Performing lab

Unless otherwise indicated, testing performed at:

ARUP Laboratories

500 Chipeta Way, Salt Lake City, UT 84108

Laboratory Director: Jonathan R. Genzen, MD, PhD

ARUP Accession: 23-160-900043

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