

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

phone: 801-583-2787, toll free: 800-522-2787

Tracy I. George, MD, Chief Medical Officer

Patient Age/Sex: 56 years Female

Specimen Collected: 10-Jun-22 10:36

Monoclonal Protein Study, Expanded Panel | Received: 10-Jun-22 11:48 Report/Verified: 16-Jun-22 13:16

Procedure	Result	Units	Reference Interval
Kappa Qnt Free Light Chains	20.00 ^H ⁱ¹	mg/L	3.30-19.40
Lambda Qnt Free Light Chains	10.00 ⁱ²	mg/L	5.71-26.30
Kappa/Lambda Free Light Chain Ratio	2.00 ^H		0.26-1.65
Immunoglobulin G	800 ⁱ³	mg/dL	768-1632
Immunoglobulin A	200 ⁱ⁴	mg/dL	68-408
Immunoglobulin M	100 ⁱ⁵	mg/dL	35-263
Total Protein, Serum	6.1 ^L	g/dL	6.3-8.2
Albumin	3.16 ^L	g/dL	3.75-5.01
Alpha 1 Globulin	0.42	g/dL	0.19-0.46
Alpha 2 Globulin	0.79	g/dL	0.48-1.05
Beta Globulin	0.85	g/dL	0.48-1.10
Gamma	0.88	g/dL	0.62-1.51
Monoclonal Protein	0.46	g/dL	
Immunofixation	IFE Done		
EER Monoclonal Protein and FLC, Serum	See Note ^{f1}		

Monoclonal Protein Study, Expanded Panel | Received: 10-Jun-22 11:48 Report/Verified: 16-Jun-22 13:18

Procedure	Result	Units	Reference Interval
SPEP/IFE Interpretation	See Note ^{#1} ^{£2}		

Corrected Results

#1: SPEP/IFE Interpretation
Result comment added on 16-Jun-22 13:17 by OCKEYG

Result Footnote

f1: EER Monoclonal Protein and FLC, Serum
Authorized individuals can access the ARUP Enhanced Report using the following link:

f2: SPEP/IFE Interpretation
M-spike in the gamma region. The monoclonal protein peak accounts for 0.46 g/dL of the total 0.88 g/dL of protein in the gamma region. IFE gel pattern shows an IgG type kappa monoclonal protein.

Test Information

i1: Kappa Qnt Free Light Chains
INTERPRETIVE INFORMATION: Kappa Qnt Free Light Chains

*=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: Tracy I. George, MD

ARUP Accession: 22-161-900067

Report Request ID: 16280767

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Test Information

i1: Kappa Qnt Free Light Chains
Undetected antigen excess is a rare event but cannot be excluded. Free light chain results should always be interpreted in conjunction with other clinical and laboratory findings.

i2: Lambda Qnt Free Light Chains
INTERPRETIVE INFORMATION: Lambda Qnt Free Light Chains

Undetected antigen excess is a rare event but cannot be excluded. Free light chain results should always be interpreted in conjunction with other clinical and laboratory findings.

i3: Immunoglobulin G
REFERENCE INTERVAL: Immunoglobulin G

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

i4: Immunoglobulin A
REFERENCE INTERVAL: Immunoglobulin A

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

i5: Immunoglobulin M
REFERENCE INTERVAL: Immunoglobulin M

Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

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