

Specimen Collected: 18-Dec-20 12:35

Monoclonal Protein Study,
Expanded Panel

|Received: 18-Dec-20 12:35

Report/Verified: 18-Dec-20 12:46

	Result	Units	Reference Interval
Kappa Qnt Free Light Chains	55.00 ^{H i1}	mg/L	3.30-19.40
Lambda Qnt Free Light Chains	1.40 ^L	mg/L	5.71-26.30
Kappa/Lambda Free Light Chain Ratio	39.29 ^H		0.26-1.65
Immunoglobulin G	2320 ^{H i2}	mg/dL	768-1632
Immunoglobulin A	44 ^{L i3}	mg/dL	68-408
Immunoglobulin M	26 ^{L i4}	mg/dL	35-263
Total Protein, Serum	8.4 ^H	g/dL	6.3-8.2
Albumin	2.50 ^L	g/dL	3.75-5.01
Alpha 1 Globulin	0.18 ^L	g/dL	0.19-0.46
Alpha 2 Globulin	0.40 ^L	g/dL	0.48-1.05
Beta Globulin	0.40 ^L	g/dL	0.48-1.10
Gamma	1.95 ^H	g/dL	0.62-1.51
Immunofixation	IFE Done		
SPEP/IFE	See Note ^{f1}		
Interpretation			
EER Monoclonal Protein and FLC, Serum	See Note ^{f2}		

Result Footnote

- f1: SPEP/IFE Interpretation
M-spike in the gamma region. The monoclonal protein peak accounts for 1.73 g/dL of the total 1.95 g/dL of protein in the gamma region. IFE pattern shows an IgG type kappa monoclonal protein. Other immunoglobulin levels (IgA and IgM) are decreased.
- f2: EER Monoclonal Protein and FLC, Serum
Access ARUP Enhanced Report using the link below:

-Direct access: [REDACTED]

Test Information

- i1: Kappa Qnt Free Light Chains
INTERPRETIVE INFORMATION: 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: Immunoglobulin G
REFERENCE INTERVAL: Immunoglobulin G

*=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: 20-353-900096

Report Request ID: 13695455

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Test Information

i2: Immunoglobulin G
Access complete set of age- and/or gender-specific reference intervals for this test in the ARUP Laboratory Test Directory (aruplab.com).

i3: 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).

i4: 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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