

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 3/25/1931
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Monoclonal Protein Study, Expanded Panel, Serum

ARUP test code 2002715

Kappa Qnt Free Light Chains	202.04 mg/L H	(Ref Interval: 3.30-19.40)
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.		
Lambda Qnt Free Light Chains	4.41 mg/L L	(Ref Interval: 5.71-26.30)
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.		
Kappa/Lambda Free Light Chain Ratio	45.81 H	(Ref Interval: 0.26-1.65)
Immunoglobulin G	2217 mg/dL H	(Ref Interval: 768-1632)
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).		
Immunoglobulin A	80 mg/dL	(Ref Interval: 68-408)
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).		
Immunoglobulin M	23 mg/dL L	(Ref Interval: 35-263)
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).		
Total Protein, Serum	7.7 g/dL	(Ref Interval: 6.3-8.2)

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

Albumin	4.00 g/dL		(Ref Interval: 3.75-5.01)
Alpha 1 Globulin	0.28 g/dL		(Ref Interval: 0.19-0.46)
Alpha 2 Globulin	0.73 g/dL		(Ref Interval: 0.48-1.05)
Beta Globulin	2.22 g/dL	H	(Ref Interval: 0.48-1.10)
Gamma	0.48 g/dL	L	(Ref Interval: 0.62-1.51)
Monoclonal Protein	1.91 g/dL		
Immunofixation	IFE Done		

SPEP/IFE Interpretation

See Note

Monoclonal spike in the beta/gamma region. The quantitation may include complement and/or transferrin components. Measurement of total Immunoglobulin (IgA, IgG, or IgM) can be used for the quantitation of the monoclonal spike instead. Hypogammaglobulinemia. IFE gel pattern shows an IgG type kappa monoclonal protein with an additional faint band in lambda.

EER Monoclonal Protein and FLC, Serum

See Note

Authorized individuals can access the ARUP Enhanced Report using the following link:

[Redacted Link]

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

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Kappa Qnt Free Light Chains	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Lambda Qnt Free Light Chains	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Kappa/Lambda Free Light Chain Ratio	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Immunoglobulin G	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Immunoglobulin A	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Immunoglobulin M	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Total Protein, Serum	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Albumin	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha 1 Globulin	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Alpha 2 Globulin	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Beta Globulin	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Gamma	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Monoclonal Protein	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
Immunofixation	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
SPEP/IFE Interpretation	22-350-117577	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00
EER Monoclonal Protein and FLC, Serum	22-350-117577	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:

ARUP LABORATORIES | 800-522-2787 | aruplab.com
500 Chipeta Way, Salt Lake City, UT 84108-1221
Jonathan R. Genzen, MD, PhD, Laboratory Director

Patient: Patient, Example
ARUP Accession: 22-350-117577
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
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