

Patient: [REDACTED]
 DOB: [REDACTED] Age: 71 Sex: F
 Patient Identifiers: [REDACTED]
 Visit Number (FIN): [REDACTED]

Client: [REDACTED]
 Physician: [REDACTED]

ARUP Test Code: 2002715
 Collection Date: [REDACTED]
 Received in lab: [REDACTED]
 Completion Date: [REDACTED]

Kappa Qnt Free Light Chains **112.04 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 **38.87 mg/L H** (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 **2.88 H** (Ref Interval: 0.26-1.65)

Immunoglobulin G 1394 mg/dL (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 324 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 43 mg/dL (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 7.5 g/dL (Ref Interval: 6.3-8.2)
 Total Protein has been measured by refractometry

Albumin 3.90 g/dL (Ref Interval: 3.75-5.01)

Alpha 1 Globulin 0.41 g/dL (Ref Interval: 0.19-0.46)

Alpha 2 Globulin 0.87 g/dL (Ref Interval: 0.48-1.05)

Beta Globulin 0.98 g/dL (Ref Interval: 0.48-1.10)

Gamma 1.35 g/dL (Ref Interval: 0.62-1.51)

Immunofixation IFE Done



Patient: [REDACTED]
 ARUP Accession: 22-049-120819

Monoclonal Protein Study, Expanded Panel, Serum

Patient: [REDACTED] | Date of Birth: [REDACTED] | Sex: F | Physician: [REDACTED]
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

SPEP/IFE Interpretation

See Note

Slight restriction of protein migration in the gamma region. IFE gel shows a faint band in IgG kappa suggestive of a specific immune response or an early monoclonal protein. Close clinical correlation with IFE follow-up is suggested if clinically indicated.

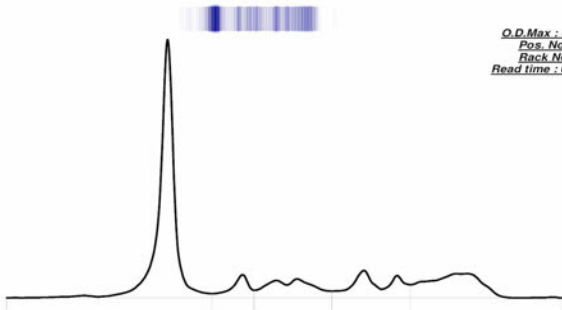
Note: Electrophoresis image and Immunofixation (IFE) Gel image, as applicable, continue on following page.



Monoclonal Protein Study, Expanded Panel, Serum

Patient: [REDACTED] | Date of Birth: [REDACTED] | Sex: F | Physician: [REDACTED]
Patient Identifiers: [REDACTED] | Visit Number (FIN): [REDACTED]

Electrophoresis Image



*O.D. Max : 0.522
Pos. No. : 18
Rack No. : 8
Read time : 01:38*

Immunofixation (IFE) Gel Image



Patient: [REDACTED]
ARUP Accession: 22-049-120819