

# Protein Electrophoresis with Reflex to Immunofixation Electrophoresis Monoclonal Protein Detection, Quantitation & Characterization, IgA, IgG, and IgM, Serum

Patient: [REDACTED]  
 DOB: [REDACTED] Age: 84 Gender: [REDACTED]  
 Patient Identifiers: [REDACTED]  
 Visit Number (FIN): [REDACTED]

Client: [REDACTED]  
 Physician: [REDACTED]

ARUP Test Code: 2002109  
 Collection Date: 04/01/2020  
 Received in lab: 04/02/2020  
 Completion Date: 04/04/2020

Total Protein, Serum	7.2 g/dL	(Ref Interval: 6.3-8.2)
Albumin	<b>3.74 g/dL L</b>	(Ref Interval: 3.75-5.01)
Alpha 1 Globulin	0.24 g/dL	(Ref Interval: 0.19-0.46)
Alpha 2 Globulin	0.75 g/dL	(Ref Interval: 0.48-1.05)
Beta Globulin	<b>1.61 g/dL H</b>	(Ref Interval: 0.48-1.10)
Gamma	0.86 g/dL	(Ref Interval: 0.62-1.51)
Immunofixation Reflex	IFE Done	
SPEP/IFE Interpretation	See Note	

M-spike in the beta region. The monoclonal protein peak accounts for 1.20 g/dL of the total 1.61 g/dL of protein in the beta region. This quantitation may include complement and/or transferrin components. M-spike in the gamma region. The monoclonal protein peak accounts for 0.33 g/dL of the total 0.86 g/dL of protein in the gamma region. IFE pattern shows a dimerizing IgA type kappa monoclonal protein.

## Reflex results for Immunofixation Electrophoresis

Immunoglobulin G	827 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	<b>1110 mg/dL H</b>	(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	37 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).	

**Note: Electrophoresis image, as applicable, continue on following page.**

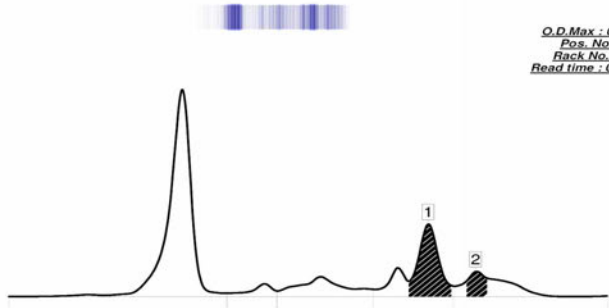


Patient: [REDACTED]  
 ARUP Accession: 20-092-10/250

# Protein Electrophoresis with Reflex to Immunofixation Electrophoresis Monoclonal Protein Detection, Quantitation & Characterization, IgA, IgG, and IgM, Serum

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

**Electrophoresis Image**



**Immunofixation (IFE) Gel Image**

O.D. Max : 0.333  
Pos. No. : 2  
Rack No. : 10  
Read time : 05:26

