

Serum Protein Electrophoresis

Saroj

Date: **12/21/24**

ID: **SE1390792**

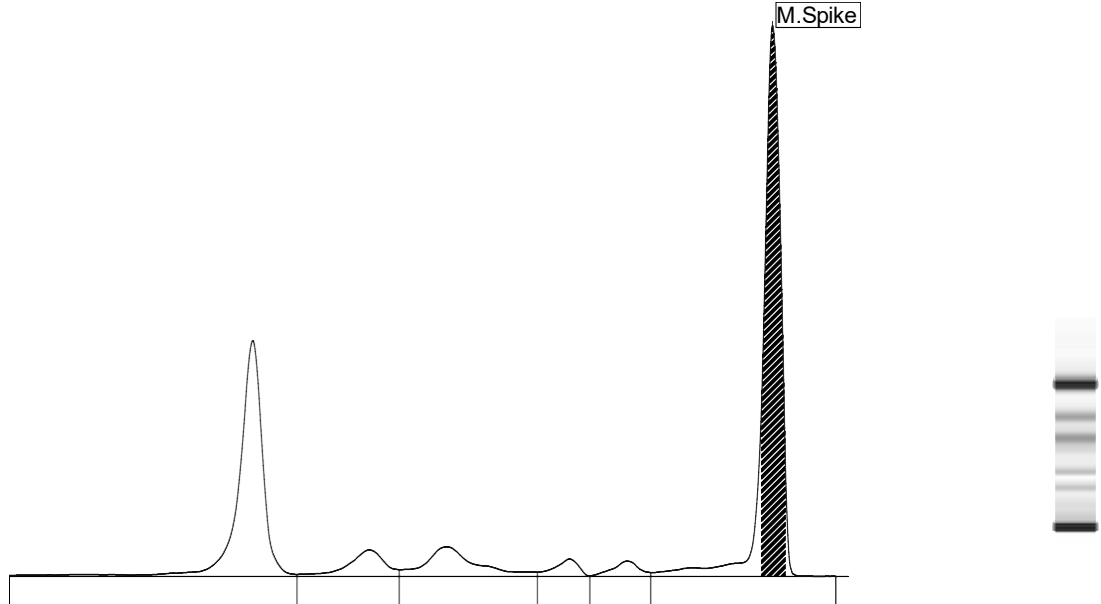
Sample : **10**

Age : 55 yrs

Sex : F

T. P.: **12.12g/dL**

A/G Ratio: **0.43**



Serum protein electrophoresis

Fractions	%	Ref. %	Conc.	Ref. Conc.
Albumin	30.2 <	55.8 - 66.1	3.7	3.5 - 5.2
Alpha 1	5.2 >	2.9 - 4.9	0.6	0.2 - 0.4
Alpha 2	8.0	7.1 - 11.8	1.0	0.5 - 0.9
Beta 1	2.2 <	4.7 - 7.2	0.3	0.3 - 0.5
Beta 2	2.2 <	3.2 - 6.5	0.3	0.2 - 0.5
Gamma	52.2 >	11.1 - 18.8	6.3	0.8 - 1.4

Peaks	%	g/dl
M.Spike	45.1	5.5

Comments: Hyperproteinemia and Hypergammaglobulinemia present. Increased in alpha-1, alpha-2 globulin. Please rule out acute/subacute inflammation. Monoclonal gammopathy "M" spike (5.5 g/dl) seen in gamma globulin region. Kindly correlate clinically and with other relevant parameters.