

REPORT

Patient Name	: Mrs. RAMPATA	Reg. No.	: 00262002100051
Age and Sex	: 60 Yrs / Female	PCC Code	: PCL-HR-075
Referring Doctor	: KOS LAB	Sample Drawn Date	: 10-Feb-2020 11:02 AM
Referring Customer	: KOS LAB	Registration Date	: 12-Feb-2020 06:32 AM
Vial ID	: J0303414	Report Date	: 12-Feb-2020 05:51 PM
Sample Type	: Serum	Report Status	: Final Report
Client Address	: 1936 , NEW HOUSING BOARD COLONY , NEAR BADA PARK. PANIPAT		

CLINICAL BIOCHEMISTRY

Test Name	Obtained Value	Units	Bio. Ref. Intervals (Age/Gender specific)	Method
PDF Attached				
Protein Electrophoresis (Serum)				
Albumin Fraction	4.43	g/dl	3.20 - 5.00	Agarose gel Electrophoresis
Alpha 1-globulin	0.27	g/dl	0.10 - 0.40	Agarose gel Electrophoresis
Alpha 2-globulin	0.77	g/dl	0.60 - 1.00	Agarose gel Electrophoresis
Beta globulin	1.21	g/dl	0.60 - 1.30	Agarose gel Electrophoresis
Gamma-globulin	1.71	g/dl	0.70 - 1.50	Agarose gel Electrophoresis
Protein, Total	8.40	g/dl	6.0 - 8.0	Biuret
A/G Ratio	1.12		1.0 - 2.1	Calculated
Myeloma Band (M-Band)	0.00	g/dl	0.0	
No Monoclonal band observed.				
Impression	Suggestive of Hypergammaglobulinemia.			
Advise	Please correlate clinically.			

Comments:

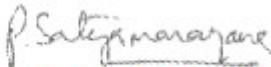
- A homogeneous spike-like peak in a focal region of the gamma-globulin zone indicates a monoclonal gammopathy. Monoclonal gammopathies are associated with a clonal process that is malignant or potentially malignant, including multiple myeloma, Waldenström's macroglobulinemia, solitary plasmacytoma, smoldering multiple myeloma, monoclonal gammopathy of undetermined significance, plasma cell leukemia, heavy chain disease, and amyloidosis.
- M-protein (in the gamma region) level greater than 3 g/dL should be interpreted along with other radiologic and haematological findings to arrive at a diagnosis of Multiple myeloma and must not be considered in isolation. Occasionally M protein may appear as a narrow spike in the beta or alpha2 regions also. Up to one fifth of patients with Myeloma may have an M-protein spike of less than 1 g/dL.
- Hypogammaglobulinemia on serum protein electrophoresis occurs in about 10% of patients with multiple myeloma who do not have a serum M-protein spike. Most of these patients have a large amount of Bence Jones protein (monoclonal free kappa or lambda chain) in their urine, wherein urine protein electrophoresis should be performed. Monoclonal gammopathy is present in up to 8 percent of healthy geriatric patients.

Correlate Clinically.

Result rechecked and verified for abnormal cases

Laboratory is NABL Accredited

*** End Of Report ***



DR. P SATYANARYANA
 MD BIOCHEMISTRY

PATHCARE LABS

Protein Electrophoresis Report

Patient Name

Mrs. RAMPATA

Measurement Date: 12-02-2020 17:49:20

Age / Sex

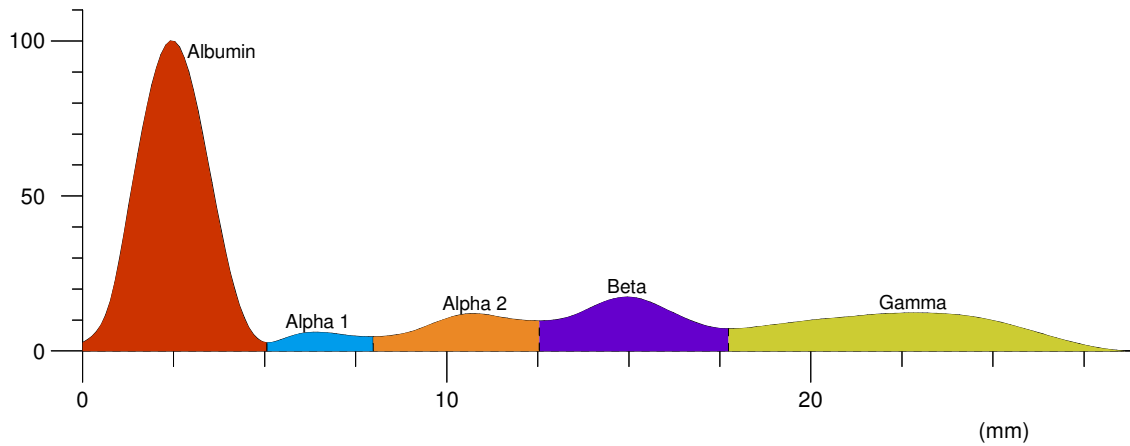
60 YRS/Female

Vail ID

J0303414

Total Protein

8.40 (g/dl)



Index	Band	Rel. Area	Conc. (g/dl)	Range (g/dl)
1	Albumin	52.77%	4.43	3.20 ... 5.00
2	Alpha 1	3.20%	0.27	0.10 ... 0.40
3	Alpha 2	9.20%	0.77	0.60 ... 1.00
4	Beta	14.46%	1.21	0.60 ... 1.30
5	Gamma	20.36%	1.71 H	0.70 ... 1.50
Total			8.40	
Ratio A/G Ratio		1.12		

Comments

Suggestive of Hypergammaglobulinemia. Please correlate clinically.

Analyst Sign

Verified By