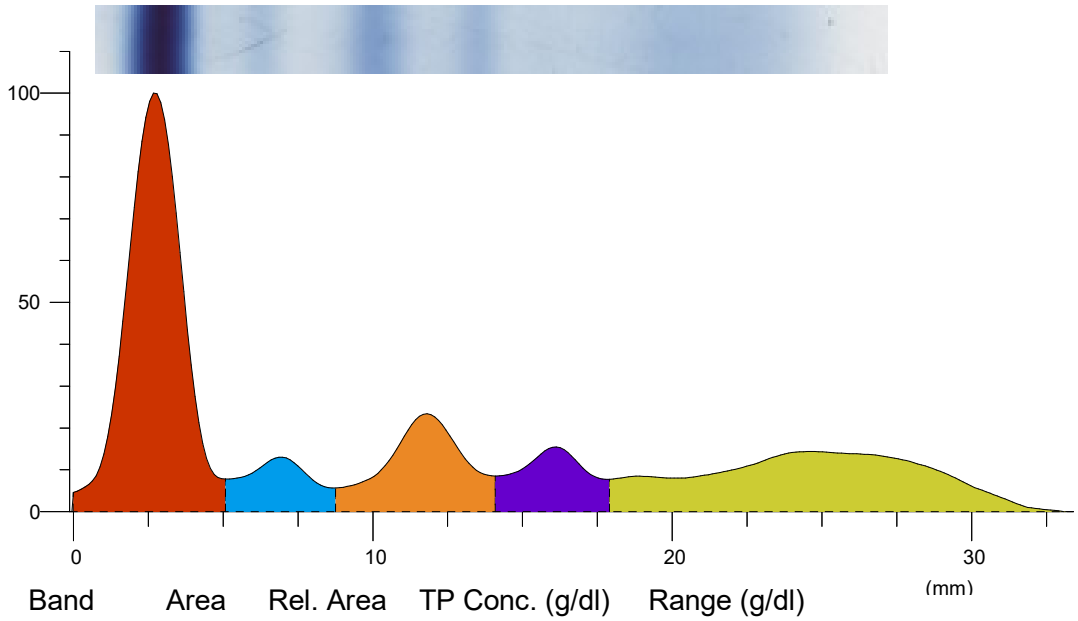
KOS Diagnostic Lab

(A Unit of KOS Healthcare)

PROTEIN ELECTROPHORESIS

NAME	**MUKHTYAR SINGH**	**BARCODE ID**	**Y0310166**
AGE/SEX	**65/m**	**DATE**	**12/03/2025**

Chemistry Results **TP 7.98(g/dl)**



Index	Band	Area	Rel. Area	TP Conc. (g/dl)	Range (g/dl)
1	Albumin	1.464	43.00%	3.43 L	3.50 ... 5.00
2	Alpha 1	0.233	6.85%	0.55 H	0.11 ... 0.40
3	Alpha 2	0.482	14.17%	1.13 H	0.43 ... 1.03
4	Beta	0.288	8.45%	0.67	0.53 ... 1.40
5	Gamma	0.937	27.53%	2.20 H	0.75 ... 1.80
Total		3.405		7.98	

Ratio A/G 0.75

Comment:-

Serum protein electrophoresis shows Hypoalbuminemia, increased Alpha 1 and Alpha 2. hyper gamma globulin region. Suspicious distortion seen in the gamma globulin region. Kindly correlate clinically.
Advise IFE immunofixation electrophoresis further confirmation.

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