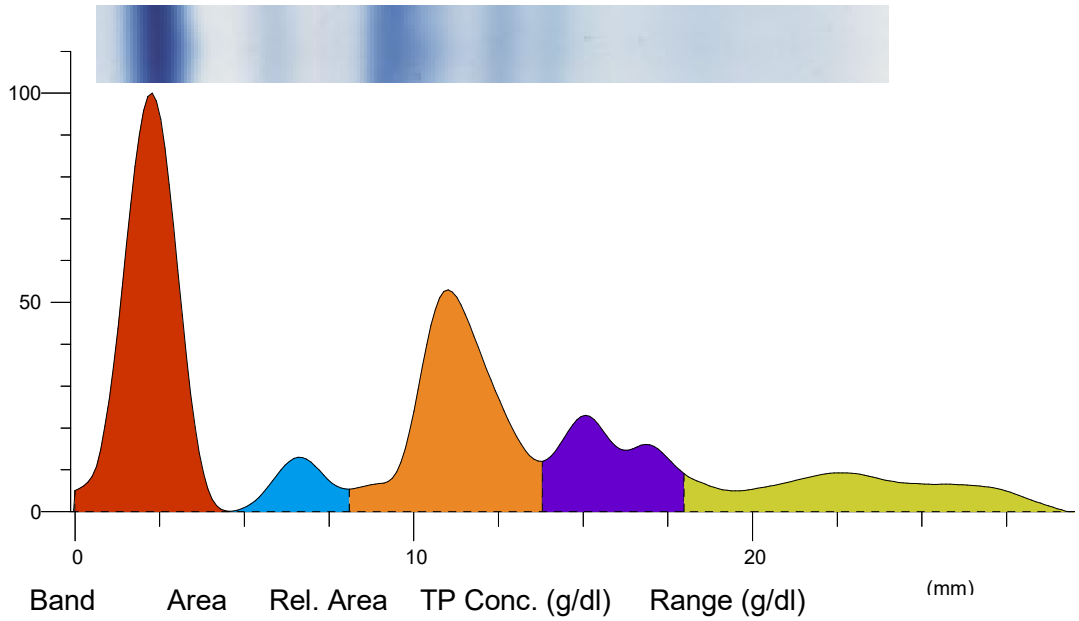
# KOS Diagnostic Lab

**(A Unit of KOS Healthcare)**

## PROTEIN ELECTROPHORESIS

| | | | |
|---|---|---|---|
| **NAME** | **SURJIT SINGH** | **BARCODE ID** | **A1210046** |
| **AGE/SEX** | **45 YRS/M** | **DATE** | **09-01-2025** |

**Chemistry Results** **TP 5.56(g/dl)**




| Index | Band | Area | Rel. Area | TP Conc. (g/dl) | Range (g/dl) |
|---|---|---|---|---|---|
| 1 | Albumin | 0.816 | 37.92% | 2.11 L | 3.50 ... 5.00 |
| 2 | Alpha 1 | 0.108 | 5.02% | 0.28 | 0.11 ... 0.40 |
| 3 | Alpha 2 | 0.626 | 29.12% | 1.62 H | 0.43 ... 1.03 |
| 4 | Beta | 0.296 | 13.77% | 0.77 | 0.53 ... 1.40 |
| 5 | Gamma | 0.305 | 14.18% | 0.79 | 0.75 ... 1.80 |
| Total | | 2.151 | | 5.56 | |

Ratio A/G 0.61

**Comment:-**

Protein electrophoresis shows Hypoalbuminemia and increased Alpha 2. Suspicious peak seen in the gamma globulin region. Kindly correlate clinically. Advice IFE immunofixation electrophoresis further confirmation.

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**Dr Yugam Chopra**
**MD (Pathology**