

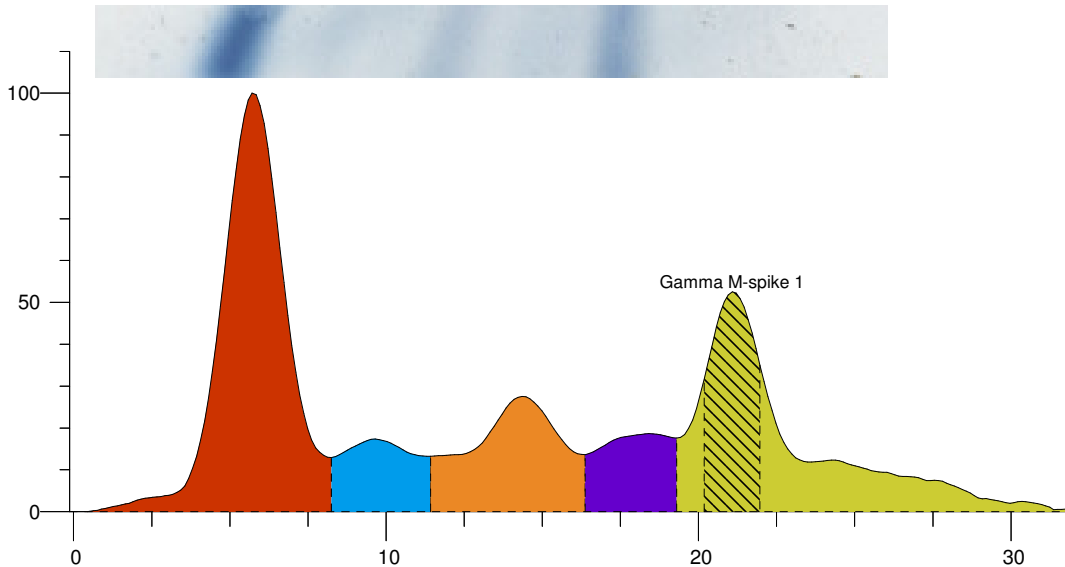
# KOS Diagnostic Lab

(A Unit of KOS Healthcare)

## PROTEIN ELECTROPHORESIS

|                |                  |                   |          |
|----------------|------------------|-------------------|----------|
| <b>NAME</b>    | SHAKAR CHATTERGE | <b>BARCODE ID</b> | 01500864 |
| <b>AGE/SEX</b> | 76 YRS/M         | <b>DATE</b>       |          |

**Chemistry Results**      **TP 7.44(g/dl)**



| Index            | Band            | Area  | Rel. Area | TP Conc. (g/dl) | Range (g/dl) <sup>(nm)</sup> |
|------------------|-----------------|-------|-----------|-----------------|------------------------------|
| 1                | Albumin         | 0.640 | 38.63%    | 2.87 L          | 3.50 ... 5.00                |
| 2                | Alpha 1         | 0.130 | 7.86%     | 0.58 H          | 0.11 ... 0.40                |
| 3                | Alpha 2         | 0.252 | 15.22%    | 1.13 H          | 0.43 ... 1.03                |
| 4                | Beta            | 0.136 | 8.22%     | 0.61            | 0.53 ... 1.40                |
| 5                | Gamma           | 0.498 | 30.07%    | 2.24 H          | 0.75 ... 1.80                |
| <b>Total</b>     |                 | 1.657 |           | 7.44            |                              |
| 6 M              | Gamma M-spike 1 | 0.218 | 13.18%    | 0.98            |                              |
| <b>Ratio A/G</b> |                 |       | 0.63      |                 |                              |

**Comment:-**

SERUM PROTEIN ELECTROPHORESIS SHOWS HYPOALBUMENEMIA, INCREASED ALPHA 1 AND ALPHA 2. HYPER GAMMA GLOBULIN REGION. M BAND SEEN IN THE GAMMA GLOBULIN REGION . M SPIKE IS 0.90 g/dl. KINDLY CORRELATE CLINICALLY. ADVICE IFE

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