

FURTHER INVESTIGATIONS DONE:

BIOCHEMICAL AND SEROLOGICAL FINDINGS:

- β 2 microglobulin- 5460 ng/mL (Reference range: 700- 1800 ng/mL)
- Serum IgG – 50 g/L(Reference range: 7- 16 g/L)
- Serum IgA- 5.24 g/L (Reference range: 0.7-4.0 g/L)
- Serum IgM - <0.17g/L(Reference range: 0.4-2.3 g/L)
- Free Kappa, light chain-10.8 mg/L(Reference range: 6.7-22.4 mg/L)
- Free Lambda,light chain-120 mg/L(Reference range:8.3-27 mg/L)
- Free Kappa: Lambda Ratio- 0.09(Reference range:0.31-1.56)
- Qualitative test showed presence of Bence Jones protein in urine.
- Serum protein electrophoresis revealed two distinct band (M bands of 5.01g/dL and 0.21g/dL) in gamma globulin region
- Immunofixation electrophoresis revealed the presence of two distinctly separate bands in IgG Lambda and IgA Lambda.

