



Mr. MAHIPAL
 AMBALA, CHEMBUR
 Tel No : 8607344999
 PIN No: 133001
 PID NO: P542000311873
 Age: 62.0 Year(s) Sex: Male



Reference:
 Sample Collected At:
 Dr vinay kumar chopra
 Kos diagnostic lab, 6349/i, nicholson road,
 ambala cantt, hry 133001.
 PROCESSING LOCATION:- Metropolis
 Healthcare Ltd, Unit No. 409- 416, 4th
 Floor, Commercial Building-1, Kohinoor
 Mall, Mumbai-70

VID: 54203320010234
 Registered On:
 25/01/2021 08:52 PM
 Collected On:
 27/01/2021 4:43AM
 Reported On:
 28/01/2021 04:53 PM

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Protein Electrophoresis, Urine 24 Hrs (24 Hrs URINE)			
Total Proteins	1812.00	mg/24 hrs	28-141
Electrophoretic Zones - Relative Concentration (%) (24 Hrs URINE)			
Albumin	64.40		
Alpha-1	6.80		
Alpha-2	5.70		
Beta	13.20		
Gamma	9.90		
M-Spike	See Comment		
Comment	BAND SEEN IN ALBUMIN , ALPHA 1, ALPHA 2 & BETA REGION . ADVISED URINE IMMUNOFIXATION.		

Method : Gel Electrophoresis - High resolution.

Interpretation :

1. It allows detection by densitometry scanning & yielding relative concentration (Percentage) of individual Protein zone and monoclonal components which must be confirmed & identified by immunofixation and the detection of proteins of tubular, glomerular or mixed origin which must be confirmed by appropriate tests.
2. Urine electrophoresis on samples with urinary total proteins less than 300 mg/Day often does not yield different band formation for various protein fractions. For such samples advised further workup and correlation with urinary albumin quantification. These samples are retested using concentration method - after Pretreatment with fast ultrafiltration using centrifugal filter devices, resulting in 80 fold concentration of urine samples

Associated Tests: Cytogenetic markers for Prognostication of Multiple Myeloma is available (Multiple Myeloma by FISH Panel - IGH gene rearrangement [t(11;14),t(4;14),t(14;16)] translocations, monosomy 13/deletion 13q14, deletion 11q, deletion 17p, chromosome 1p/q deletion/amplification ploidy status for chromosome 5,9 and 15) at Metropolis Healthcare.

Components	Compositions	Interferences
Albumin	Albumin	Lipoproteins, Drugs, Bilirubin, Radiological contrast
Alpha1 - globulins	α-1 antitrypsin, α-1 acid glycoprotein	-
Alpha2 - globulins	α-2 macroglobulin, haptoglobulin	Haptoglobin - haemoglobin complex
Beta globulins	Transferrin, β-lipoprotein, IgA, IgM & sometimes IgG with complement protein	Fibrinogen
Gamma globulins	IgG, IgA, IgM, IgD, IgE	CRP

-- End of Report --