

Patient Name :	Bill Date :
DOB/Age/Gender :	Sample Collected :
Patient ID / UHID :	Sample Received :
Referred By :	Report Date :
Sample Type :	Barcode No :
Client :	Report Status :

SPECIAL ASSAY REPORT
Protein Electrophoresis, 24 Hrs Urine

Total Proteins	714.60	mg/24 hrs	28-141
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Electrophoretic Zones - Relative Concentration (%)

Albumin	6.20
Alpha-1	-
Alpha-2	-
Beta	-
Gamma	93.80
M-Spike	Seen
Comment	MONOCLONAL SPIKE (0.37 GMS/24 HRS) SEEN IN GAMMA REGION.

Interpretation:

Method : Gel Electrophoresis - High resolution.

Interpretation :

- 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.
- 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



Sohini Sengupta

Dr. Sohini Sengupta
MD (Cl Biochemistry), DNB,
FNB (Lab Medicine)
Medical Laboratory Director
HOD (Biochemistry & Special Assays)

1. It is Presumed that specimen belongs to patient named or identified, such verification being carried out at the point of generation of said specimen

2. A test might not be performed due to following reason:

- Specimen Quantity not sufficient (Inadequate collection/spillage during transit)
- Specimen Quality not acceptable (Hemolysis/clotted/lipemic.)
- Incorrect sample type
- Test cancelled either on request of patient or doctor

In any of the above case a fresh specimen will be required for testing and reporting

3. The results of the tests may vary from lab to lab ; time to time for the same patient

4. The reported results are dependent on individual assay methods, equipment, method sensitivity, specificity and quality of the specimen received

5. Partial representation of report is not allowed

6. The reported tests are for the notification of the referring doctor, only to assist him/her in the diagnosis and management of the patient

7. If Sample collection date is not stated on test requisition form, the current date will be printed by default as the date of collection.

8. Report with status "Preliminary" means one or more test are yet to be reported

9. This report is not valid for Medico Legal Purpose

10. Applicable Jurisdiction will be of "Delhi" for any dispute/claim concerning the test(s) & results of the test (s)

Terms and Conditions of Reporting

1. The presented findings in the Reports are intended solely for informational and interpretational purposes by the referring physician or other qualified medical professionals possessing a comprehensive understanding of reporting units, reference ranges, and technological limitations. The laboratory shall not be held liable for any interpretation or misinterpretation of the results, nor for any consequential or incidental damages arising from such interpretation.
2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.
4. This report shall not be deemed valid or admissible for any medico-legal purposes.
5. The Customers assume full responsibility for apprising the Company of any factors that may impact the test finding. These factors, among others, includes dietary intake, alcohol, or medication / drug(s) consumption, or fasting. This list of factors is only representative and not exhaustive.

DISCLAIMER

This is a sample report provided for demonstration purposes only and does not represent an actual patient report. Test results, reference ranges, methodologies, instrumentation, and report formats may vary depending on the laboratory performing the test. The format and representation shown are indicative of reports generated by the National Reference Laboratory of Redcliffe Labs, Noida. This sample report should not be used for medical interpretation, diagnosis, or treatment decisions.