

REPORT

NAME :  
REF. BY :  
TEST ASKED :

SAMPLE COLLECTED AT :

Test	Status	Result	Reference Range	Unit
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## Clinical Pathology

Colour	Normal	Pale Yellow	Pale Yellow	
Appearance	Normal	Clear	Clear	
pH Double Indicators Test	Normal	6.82	4.6-8.0	
Specific Gravity Refractometric	Normal	1.01	1.003-1.030	
Urine Protein Protein Indicator	Normal	Negative	Negative	
Urine Sugar Oxidation Reaction	Normal	Negative	Negative	
Ketones Sodium nitroprusside	Normal	Negative	Negative	
Nitrite Diazotisation Reaction	Normal	Negative	Negative	
Blood Peroxidase Reaction	Normal	Negative	Negative	
Urobilinogen Modified Ehrlich Reaction	Normal	Negative	Negative	
Urine Bilirubin Diazotisation	Normal	Negative	Negative	
R.B.C. Microscopy	Normal	Negative	Negative	
Pus Cells	Normal	0.73	0-5	
Epithelial Cells Microscopy	Normal	2.56	0-3	/HPF
Casts Microscopy	Normal	Negative	Negative	/LPF
Crystals Microscopy	Normal	Negative	Negative	

Sample Collected on (SCT) :  
Sample Received on (SRT) :  
Report Released on (RRT) :  
Sample Type :  
Labcode :  
Barcode :

*Prachi Sinkar*

Dr.Prachi Sinkar MD(Path)

*Caesar*

Dr.Caesar Sengupta MD(Micro)

Page : 2 of 11

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Bacteria Microscopy Normal Negative Negative

Others

Biochemistry

Sodium, Serum Ion Selective Electrode Normal 141.91 136.0-149.0 mmol/L

Potassium, Serum Ion Selective Electrode Normal 4.76 3.50-5.50 mmol/L

Chloride Ion Selective Electrode Normal 107.58 98.0-109.0 mmol/L

Calcium [Ionic] Ion Selective Electrode Normal 1.19 1.15-1.29 mmol/L

Calcium, Serum Arsenazo Normal 9.84 8.40-10.40 mg/dL

Total Cholesterol CHOD-PAP Normal 77.47 0.0-200.0 mg/dL

Triglyceride GPO (Trinders) Normal 42.96 35.0-135.0 mg/dl

HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction) Normal 58.53 35.3-79.5 mg/dL

VLDL Cholesterol calculated Normal 6.61 4.7-21.1 mg/dL

LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction) Normal 74.54 0-100 mg/dL

Total / HDL Cholesterol Ratio calculated Normal 2.54 0.0-5.0 Ratio

LDL/HDL Cholesterol Ratio calculated Normal 0.3 0.00-3.55 Ratio

Non HDL Cholesterol Normal 57.39 0-130 mg/dL

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CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	Normal	2.11	0-5	mg/L
Iron, Serum Colorimetric	Normal	120.02	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	Normal	185.12	110.0-370.0	ug/dL
Total Iron Binding capacity	Abnormal	407.75	250-400	ug/dL
Transferrin Saturation %	Normal	43.54	12-45	%
Urea, Blood Urease-GLDH	Normal	39.5	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	Normal	10.21	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	Abnormal	1.14	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	Normal	3.24	2.50-6.80	mg/dL
BUN / Creatinine Ratio	Normal	1.11	0.8-1.3	mg/dL
Urea / Creatinine Ratio	Abnormal	7.21	1.8-7.1	mg/dL
Bilirubin, Total Diazo	Normal	0.97	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	Normal	0.11	0.00-0.20	mg/dL
Bilirubin, Indirect	Normal	0.17	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	Normal	8.15	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	Abnormal	-1.76	0.00-32.00	IU/L

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Alkaline Phosphatase (ALP), Serum  
PNP AMP Kinetic

Normal 43.81 42.0-98.0 U/L

Protein, Total Biuret

Normal 6.29 6.0-8.0 g/dL

Albumin, Serum Bromo Cresol Green  
(BCG)

Normal 3.44 3.20-5.00 g/dL

Globulin

Normal 2.33 2.00-3.50 g/dL

Microalbumin Immunoturbidity

Normal 23.45 0.0-30.0 mg/L

Creatinine, Random Urine Jaffe  
Kinetic

Normal 216.61 20.0-370.0 mg/dL

Microalbumin/Creatinine Ratio

Abnormal -1.5 0-30.0 mg/g creat

Arthritis Screen

Calcium

Normal 9.83 8.5-10.5 mg/dL

Phosphorous Ammonium molybdate  
UV

Abnormal 5.06 2.50-5.00 mg/dL

Rheumatoid Factor (RA Factor) -  
Quantitative Immunoturbidimetry

Normal 26.91 0-30 IU/ml

Sodium (Urine) Ion Selective  
Electrode

Normal 92.51 40-220 mmol/L

Potassium (Urine Spot Test)

Normal 32.14 25-125 mmol/day

Chloride (Urine Spot Test)

Normal 246.31 110-250 mmol/l/day

## Immunosay

Free Triiodothyronine (FT3)  
Chemiluminescence Immunoassay  
(CLIA)

Normal 2.22 1.76-4.20 pg/mL

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Free Thyroxine (FT4)

Chemiluminescence Immunoassay  
(CLIA)

Normal 1.19 0.89-1.76 ng/dL

Vitamin B12 Level

Chemiluminescence  
Immunoassay (CLIA)

Normal 637.16 211.0-911.0 pg/mL

Triiodothyronine, Total (T3)

Chemiluminescence Immunoassay  
(CLIA)

Normal 62.76 58.6-156.2 ng/dL

Thyroxine, Total (T4)

Chemiluminescence Immunoassay  
(CLIA)

Normal 7.14 4.8-10.4 ug/dL

Thyroid Stimulating Hormone (TSH)

Chemiluminescence Immunoassay  
(CLIA)

Normal 5.15 0.35-5.50 uIU/mL

Haematology

Blood Group

B -NA-

Platelet Count Cell Counter

Normal 312.45 150-400  $10^3/\mu\text{L}$

Differential Leucocyte Count

Absolute Neutrophil Count

Normal 4.86 2.0-7.0  $\times 10^3/\mu\text{L}$

Absolute Lymphocyte Count

Normal 2.25 1.5-4.0  $\times 10^3/\mu\text{L}$

Absolute Eosinophil Count

Normal 0.37 0.02-0.50  $\times 10^3 \text{ cells}/\mu\text{L}$

Absolute Basophil Count

Normal 0.0 0.00-0.00  $\times 10^3 \text{ cells}/\mu\text{L}$

Absolute Monocyte Count

Normal 0.95 0.2-1.0  $\times 10^3/\mu\text{L}$

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PDW	Normal	9.5	8-12	
PCT	Normal	0.09	0-0.5	
Mean Platelet Volume	Normal	12.36	9-13	fL
RDW-CV Dc Detection Method (Calculated)	Abnormal	14.65	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	Normal	11.7	0-20	mm/h
RDW-SD Cell Counter	Normal	42.77	39.0-46.0	fl

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