

REPORT

NAME :  
REF. BY :  
TEST ASKED :

SAMPLE COLLECTED AT :

Test	Status	Result	Reference Range	Unit
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## Haematology

Blood Group		B	-NA-	
Platelet Count Cell Counter	Normal	311.86	150-400	10 <sup>3</sup> /ul
Differential Leucocyte Count				
Absolute Neutrophil Count	Normal	4.68	2.0-7.0	X 10 <sup>3</sup> /uL
Absolute Lymphocyte Count	Normal	2.48	1.5-4.0	X 10 <sup>3</sup> /uL
Absolute Eosinophil Count	Abnormal	-0.02	0.02-0.50	X 10 <sup>3</sup> cells/uL
Absolute Basophil Count	Normal	0.0	0.00-0.00	X 10 <sup>3</sup> cells/uL
Absolute Monocyte Count	Normal	0.84	0.2-1.0	X 10 <sup>3</sup> /uL
PDW	Normal	9.77	8-12	
PCT	Normal	0.48	0-0.5	
Mean Platelet Volume	Normal	11.71	9-13	fL
RDW-CV Dc Detection Method (Calculated)	Normal	12.93	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	Normal	11.21	0-20	mm/h
RDW-SD Cell Counter	Normal	40.42	39.0-46.0	fl

## Biochemistry

Sodium, Serum Ion Selective Electrode	Normal	144.06	136.0-149.0	mmol/L
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*Prachi Sinkar*

Dr.Prachi Sinkar MD(Path)

*Caesar*

Dr.Caesar Sengupta MD(Micro)

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Potassium, Serum Ion Selective Electrode	Normal	5.37	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	Normal	108.74	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	Normal	1.17	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	Abnormal	10.58	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	Normal	47.88	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	Normal	105.51	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Abnormal	31.24	35.3-79.5	mg/dL
VLDL Cholesterol calculated	Normal	15.67	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	16.4	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	Abnormal	5.15	0.0-5.0	Ratio
LDL/HDL Cholesterol Ratio calculated	Normal	0.01	0.00-3.55	Ratio
Non HDL Cholesterol	Normal	99.02	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	Normal	3.46	0-5	mg/L
Iron, Serum Colorimetric	Normal	121.38	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	Normal	367.49	110.0-370.0	ug/dL

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Total Iron Binding capacity	Abnormal	238.31	250-400	ug/dL
Transferrin Saturation %	Normal	44.08	12-45	%
Urea, Blood Urease-GLDH	Abnormal	43.12	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	Abnormal	18.04	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	Normal	0.94	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	Normal	4.09	2.50-6.80	mg/dL
BUN / Creatinine Ratio	Abnormal	1.3	0.8-1.3	mg/dL
Urea / Creatinine Ratio	Normal	4.48	1.8-7.1	mg/dL
Bilirubin, Total Diazo	Normal	0.6	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	Normal	0.14	0.00-0.20	mg/dL
Bilirubin, Indirect	Normal	0.74	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	Normal	28.34	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	Normal	15.35	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	Normal	80.11	42.0-98.0	U/L
Protein, Total Biuret	Normal	7.12	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	Normal	3.88	3.20-5.00	g/dL

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Globulin	Normal	3.03	2.00-3.50	g/dL
Microalbumin Immunoturbidity	Abnormal	-2.14	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	Normal	21.37	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	Abnormal	31.76	0-30.0	mg/g creat
Arthritis Screen				
Calcium	Normal	8.72	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	Normal	2.84	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimety	Normal	2.92	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	Normal	178.43	40-220	mmol/L
Potassium (Urine Spot Test)	Abnormal	18.71	25-125	mmol/day
Chloride (Urine Spot Test)	Abnormal	101.48	110-250	mmol/l/day

## Immunosay

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	Normal	3.14	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	Abnormal	0.83	0.89-1.76	ng/dL

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Vitamin B12 Level  
Chemiluminescence  
Immunoassay (CLIA) Abnormal 157.7 211.0-911.0 pg/mL

Triiodothyronine, Total (T3)  
Chemiluminescence Immunoassay  
(CLIA) Normal 116.9 58.6-156.2 ng/dL

Thyroxine, Total (T4)  
Chemiluminescence Immunoassay  
(CLIA) Normal 9.97 4.8-10.4 ug/dL

Thyroid Stimulating Hormone (TSH)  
Chemiluminescence Immunoassay  
(CLIA) Abnormal 5.82 0.35-5.50 uIU/mL

Clinical Pathlogy

Colour Normal Pale Yellow Pale Yellow

Appearance Abnormal Cloudy Clear

pH Double Indicators Test Normal 6.93 4.6-8.0

Specific Gravity Refractometric Abnormal 1.03 1.003-1.030

Urine Protein Protein Indicator Abnormal Positive Negative

Urine Sugar Oxidation Reaction Abnormal Positive 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

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Urine Bilirubin Diazotisation	Normal	Negative	Negative	
R.B.C. Microscopy	Normal	Negative	Negative	
Pus Cells	Abnormal	5.04	0-5	
Epithelial Cells Microscopy	Normal	1.25	0-3	/HPF
Casts Microscopy	Normal	Negative	Negative	/LPF
Crystals Microscopy	Normal	Negative	Negative	
Bacteria Microscopy	Abnormal	Positive	Negative	
Others				

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