

REPORT

NAME :
REF. BY :
TEST ASKED :

SAMPLE COLLECTED AT :

Test	Status	Result	Reference Range	Unit
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Biochemistry

Sodium, Serum Ion Selective Electrode	Normal	143.49	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	Normal	3.85	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	Normal	108.62	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	Normal	1.19	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	Normal	9.35	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	Normal	98.34	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	Normal	59.17	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	51.47	35.3-79.5	mg/dL
VLDL Cholesterol calculated	Normal	16.07	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	23.28	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	Normal	1.83	0.0-5.0	Ratio
LDL/HDL Cholestrol Ratio calculated	Normal	3.12	0.00-3.55	Ratio
Non HDL Cholesterol	Normal	39.53	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	Normal	1.25	0-5	mg/L

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Dr.Caesar Sengupta MD(Micro)

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Iron, Serum Colorimetric	Normal	112.06	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	Normal	215.19	110.0-370.0	ug/dL
Total Iron Binding capacity	Normal	337.43	250-400	ug/dL
Transferrin Saturation %	Abnormal	46.29	12-45	%
Urea, Blood Urease-GLDH	Abnormal	44.12	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	Normal	12.04	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	Abnormal	0.57	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	Normal	5.99	2.50-6.80	mg/dL
BUN / Creatinine Ratio	Normal	0.92	0.8-1.3	mg/dL
Urea / Creatinine Ratio	Normal	6.02	1.8-7.1	mg/dL
Bilirubin, Total Diazo	Normal	0.72	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	Normal	0.1	0.00-0.20	mg/dL
Bilirubin, Indirect	Normal	0.84	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	Normal	12.98	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	Abnormal	33.1	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	Normal	91.14	42.0-98.0	U/L

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Protein, Total Biuret	Normal	7.16	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	Normal	4.09	3.20-5.00	g/dL
Globulin	Normal	2.31	2.00-3.50	g/dL
Microalbumin Immunoturbidity	Normal	1.03	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	Normal	230.45	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	Normal	18.05	0-30.0	mg/g creat
Arthritis Screen				
Calcium	Normal	9.71	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	Normal	3.48	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimety	Normal	0.68	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	Normal	108.17	40-220	mmol/L
Potassium (Urine Spot Test)	Abnormal	127.22	25-125	mmol/day
Chloride (Urine Spot Test)	Abnormal	250.44	110-250	mmol/l/day

Clinical Pathlogy

Colour	Normal	Pale Yellow	Pale Yellow
Appearance	Normal	Clear	Clear

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pH Double Indicators Test	Normal	5.0	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	Abnormal	Positive	Negative	
Blood Peroxidase Reaction	Normal	Negative	Negative	
Urobilinogen Modified Ehrlich Reaction	Normal	Negative	Negative	
Urine Bilirubin Diazotisation	Normal	Negative	Negative	
R.B.C. Microscopy	Abnormal	Positive	Negative	
Pus Cells	Normal	0.6	0-5	
Epithelial Cells Microscopy	Abnormal	3.0	0-3	/HPF
Casts Microscopy	Normal	Negative	Negative	/LPF
Crystals Microscopy	Normal	Negative	Negative	
Bacteria Microscopy	Normal	Negative	Negative	
Others				

Immunosay

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Free Triiodothyronine (FT3)

Chemiluminescence Immunoassay
(CLIA)

Normal 3.99 1.76-4.20 pg/mL

Free Thyroxine (FT4)

Chemiluminescence Immunoassay
(CLIA)

Normal 1.23 0.89-1.76 ng/dL

Vitamin B12 Level

Chemiluminescence
Immunoassay (CLIA)

Normal 448.07 211.0-911.0 pg/mL

Triiodothyronine, Total (T3)

Chemiluminescence Immunoassay
(CLIA)

Normal 155.91 58.6-156.2 ng/dL

Thyroxine, Total (T4)

Chemiluminescence Immunoassay
(CLIA)

Normal 7.3 4.8-10.4 ug/dL

Thyroid Stimulating Hormone (TSH)

Chemiluminescence Immunoassay
(CLIA)

Abnormal 5.56 0.35-5.50 uIU/mL

Haematology

Blood Group

A -NA-

Platelet Count Cell Counter

Normal 342.31 150-400 $10^3/\mu\text{L}$

Differential Leucocyte Count

Absolute Neutrophil Count

Normal 6.59 2.0-7.0 $\times 10^3/\mu\text{L}$

Absolute Lymphocyte Count

Normal 3.35 1.5-4.0 $\times 10^3/\mu\text{L}$

Absolute Eosinophil Count

Abnormal 0.54 0.02-0.50 $\times 10^3 \text{ cells}/\mu\text{L}$

Absolute Basophil Count

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

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Absolute Monocyte Count	Abnormal	1.0	0.2-1.0	X 10 ³ /uL
PDW	Normal	8.05	8-12	
PCT	Normal	0.23	0-0.5	
Mean Platelet Volume	Normal	11.21	9-13	fL
RDW-CV Dc Detection Method (Calculated)	Normal	12.01	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	Normal	0.05	0-20	mm/h
RDW-SD Cell Counter	Normal	44.56	39.0-46.0	fl

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