

Name:	
Gender/Age:	
ID:	603953
Specimen collected:	2024-03-16
Report date:	2024-03-16

Test	Result	Reference Range	Unit
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### Immunosay

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	3.88	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	0.88	0.89-1.76	ng/dL
Vitamin B12 Level Chemiluminescence Immunoassay (CLIA)	785.28	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	88.72	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	6.83	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	2.43	0.35-5.50	uIU/mL

### Biochemistry

Sodium, Serum Ion Selective Electrode	139.89	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	5.61	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	100.77	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	1.14	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	8.29	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	211.08	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	48.15	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	59.95	35.3-79.5	mg/dL
VLDL Cholesterol calculated	12.18	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	56.73	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	5.1	0.0-5.0	Ratio
LDL/HDL Cholestrol Ratio calculated	0.69	0.00-3.55	Ratio

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Non HDL Cholesterol	76.43	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	3.48	0-5	mg/L
Iron, Serum Colorimetric	90.2	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	165.72	110.0-370.0	ug/dL
Total Iron Binding capacity	289.64	250-400	ug/dL
Transferrin Saturation %	14.97	12-45	%
Urea, Blood Urease-GLDH	45.34	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	7.79	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	0.69	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	2.66	2.50-6.80	mg/dL
BUN / Creatinine Ratio	1.31	0.8-1.3	mg/dL
Urea / Creatinine Ratio	5.11	1.8-7.1	mg/dL
Bilirubin, Total Diazo	0.53	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	0.17	0.00-0.20	mg/dL
Bilirubin, Indirect	0.64	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	17.39	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	23.37	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	51.61	42.0-98.0	U/L
Protein, Total Biuret	7.19	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	4.45	3.20-5.00	g/dL
Globulin	2.78	2.00-3.50	g/dL
Microalbumin Immunoturbidity	5.99	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	110.63	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	15.37	0-30.0	mg/g creat
Arthritis Screen			
Calcium	8.79	8.5-10.5	mg/dL

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Phosphorous Ammonium molybdate UV	3.76	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimetry	-2.92	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	187.2	40-220	mmol/L
Potassium (Urine Spot Test)	46.43	25-125	mmol/day
Chloride (Urine Spot Test)	180.68	110-250	mmol/l/day

## Clinical Pathology

Colour	Pale Yellow	Pale Yellow	
Appearance	Clear	Clear	
pH Double Indicators Test	5.09	4.6-8.0	
Specific Gravity Refractometric	1.02	1.003-1.030	
Urine Protein Protein Indicator	Negative	Negative	
Urine Sugar Oxidation Reaction	Negative	Negative	
Ketones Sodium nitroprusside	Negative	Negative	
Nitrite Diazotisation Reaction	Negative	Negative	
Blood Peroxidase Reaction	Negative	Negative	
Urobilinogen Modified Ehrlich Reaction	Negative	Negative	
Urine Bilirubin Diazotisation	Positive	Negative	
R.B.C. Microscopy	Negative	Negative	
Pus Cells	5.09	0-5	
Epithelial Cells Microscopy	0.04	0-3	/HPF
Casts Microscopy	Positive	Negative	/LPF
Crystals Microscopy	Positive	Negative	
Bacteria Microscopy	Negative	Negative	

Others

## Haematology

Blood Group	O	-NA-
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Platelet Count Cell Counter	330.29	150-400	10 <sup>3</sup> /ul
Differential Leucocyte Count			
Absolute Neutrophil Count	6.73	2.0-7.0	X 10 <sup>3</sup> /uL
Absolute Lymphocyte Count	3.7	1.5-4.0	X 10 <sup>3</sup> /uL
Absolute Eosinophil Count	0.53	0.02-0.50	X 10 <sup>3</sup> cells/uL
Absolute Basophil Count	0.0	0.00-0.00	X 10 <sup>3</sup> cells/uL
Absolute Monocyte Count	0.36	0.2-1.0	X 10 <sup>3</sup> /uL
PDW	8.73	8-12	
PCT	0.43	0-0.5	
Mean Platelet Volume	9.27	9-13	fL
RDW-CV Dc Detection Method (Calculated)	14.24	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	13.37	0-20	mm/h
RDW-SD Cell Counter	39.47	39.0-46.0	fl