

Name:	
Gender/Age:	
ID:	049165
Specimen collected:	2024-03-16
Report date:	2024-03-16

Test	Result	Reference Range	Unit
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Biochemistry

Sodium, Serum Ion Selective Electrode	136.56	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	3.82	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	103.89	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	1.16	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	8.64	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	163.86	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	121.0	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	38.01	35.3-79.5	mg/dL
VLDL Cholesterol calculated	12.4	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	16.87	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	0.94	0.0-5.0	Ratio
LDL/HDL Cholesterol Ratio calculated	0.21	0.00-3.55	Ratio
Non HDL Cholesterol	44.54	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	1.0	0-5	mg/L
Iron, Serum Colorimetric	55.38	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	161.98	110.0-370.0	ug/dL
Total Iron Binding capacity	266.67	250-400	ug/dL
Transferrin Saturation %	16.13	12-45	%
Urea, Blood Urease-GLDH	14.54	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	13.07	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	0.78	0.60-1.10	mg/dL

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Uric Acid, Serum Uricase	2.52	2.50-6.80	mg/dL
BUN / Creatinine Ratio	0.94	0.8-1.3	mg/dL
Urea / Creatinine Ratio	2.1	1.8-7.1	mg/dL
Bilirubin, Total Diazo	0.33	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	0.04	0.00-0.20	mg/dL
Bilirubin, Indirect	0.31	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	13.97	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	21.72	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	70.53	42.0-98.0	U/L
Protein, Total Biuret	6.2	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	4.92	3.20-5.00	g/dL
Globulin	2.63	2.00-3.50	g/dL
Microalbumin Immunoturbidity	27.73	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	17.97	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	25.95	0-30.0	mg/g creat
Arthritis Screen			
Calcium	8.53	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	3.61	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimetry	3.4	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	54.16	40-220	mmol/L
Potassium (Urine Spot Test)	68.54	25-125	mmol/day
Chloride (Urine Spot Test)	201.23	110-250	mmol/l/day
Haematology			
Blood Group	B	-NA-	
Platelet Count Cell Counter	392.9	150-400	10 ³ /ul
Differential Leucocyte Count			

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Absolute Neutrophil Count	2.12	2.0-7.0	X 10 ³ /uL
Absolute Lymphocyte Count	1.79	1.5-4.0	X 10 ³ /uL
Absolute Eosinophil Count	0.1	0.02-0.50	X 10 ³ cells/uL
Absolute Basophil Count	0.0	0.00-0.00	X 10 ³ cells/uL
Absolute Monocyte Count	0.83	0.2-1.0	X 10 ³ /uL
PDW	8.01	8-12	
PCT	0.46	0-0.5	
Mean Platelet Volume	12.33	9-13	fL
RDW-CV Dc Detection Method (Calculated)	11.34	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	-0.98	0-20	mm/h
RDW-SD Cell Counter	45.48	39.0-46.0	fl

Immunosay

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	1.97	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	1.4	0.89-1.76	ng/dL
Vitamin B12 Level Chemiluminescence Immunoassay (CLIA)	467.3	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	160.17	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	7.21	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	4.08	0.35-5.50	uIU/mL

Clinical Pathology

Colour	Pale Yellow	Pale Yellow
Appearance	Clear	Clear
pH Double Indicators Test	6.7	4.6-8.0
Specific Gravity Refractometric	1.02	1.003-1.030
Urine Protein Protein Indicator	Negative	Negative

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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	Negative	Negative	
R.B.C. Microscopy	Negative	Negative	
Pus Cells	4.19	0-5	
Epithelial Cells Microscopy	2.6	0-3	/HPF
Casts Microscopy	Positive	Negative	/LPF
Crystals Microscopy	Negative	Negative	
Bacteria Microscopy	Negative	Negative	
Others			