

Name:	
Gender/Age:	
ID:	274557
Specimen collected:	2024-03-16
Report date:	2024-03-16

Test	Result	Reference Range	Unit
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Haematology

Blood Group	O	-NA-	
Platelet Count Cell Counter	303.83	150-400	10 ³ /ul
Differential Leucocyte Count			
Absolute Neutrophil Count	5.23	2.0-7.0	X 10 ³ /uL
Absolute Lymphocyte Count	3.75	1.5-4.0	X 10 ³ /uL
Absolute Eosinophil Count	0.3	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	0.8	0.2-1.0	X 10 ³ /uL
PDW	10.07	8-12	
PCT	0.47	0-0.5	
Mean Platelet Volume	10.6	9-13	fL
RDW-CV Dc Detection Method (Calculated)	14.04	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	10.64	0-20	mm/h
RDW-SD Cell Counter	43.18	39.0-46.0	fl

Biochemistry

Sodium, Serum Ion Selective Electrode	146.71	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	3.72	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	106.38	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	1.15	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	10.12	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	53.19	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	55.71	35.0-135.0	mg/dl

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HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	62.48	35.3-79.5	mg/dL
VLDL Cholesterol calculated	17.11	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	28.8	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	2.3	0.0-5.0	Ratio
LDL/HDL Cholesterol Ratio calculated	2.27	0.00-3.55	Ratio
Non HDL Cholesterol	-9.63	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	5.13	0-5	mg/L
Iron, Serum Colorimetric	105.9	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	146.56	110.0-370.0	ug/dL
Total Iron Binding capacity	295.07	250-400	ug/dL
Transferrin Saturation %	41.49	12-45	%
Urea, Blood Urease-GLDH	27.17	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	18.07	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	0.95	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	7.05	2.50-6.80	mg/dL
BUN / Creatinine Ratio	0.79	0.8-1.3	mg/dL
Urea / Creatinine Ratio	7.17	1.8-7.1	mg/dL
Bilirubin, Total Diazo	1.0	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	0.19	0.00-0.20	mg/dL
Bilirubin, Indirect	0.7	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	4.6	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	10.68	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	39.41	42.0-98.0	U/L
Protein, Total Biuret	6.53	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	4.95	3.20-5.00	g/dL

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Globulin	2.74	2.00-3.50	g/dL
Microalbumin Immunoturbidity	11.18	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	128.14	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	13.19	0-30.0	mg/g creat
Arthritis Screen			
Calcium	8.5	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	4.49	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimetry	8.36	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	58.97	40-220	mmol/L
Potassium (Urine Spot Test)	77.32	25-125	mmol/day
Chloride (Urine Spot Test)	120.52	110-250	mmol/l/day

Immunosay

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	4.36	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	1.48	0.89-1.76	ng/dL
Vitamin B12 Level Chemiluminescence Immunoassay (CLIA)	560.48	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	72.29	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	8.81	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	5.64	0.35-5.50	uIU/mL

Clinical Pathology

Colour	Dark Yellow	Pale Yellow
Appearance	Clear	Clear
pH Double Indicators Test	5.95	4.6-8.0
Specific Gravity Refractometric	1.03	1.003-1.030
Urine Protein Protein Indicator	Negative	Negative

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Urine Sugar Oxidation Reaction	Positive	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	2.56	0-5	
Epithelial Cells Microscopy	2.69	0-3	/HPF
Casts Microscopy	Negative	Negative	/LPF
Crystals Microscopy	Negative	Negative	
Bacteria Microscopy	Negative	Negative	
Others			