

Name:	
Gender/Age:	
ID:	454401
Specimen collected:	2024-03-16
Report date:	2024-03-16

Test	Result	Reference Range	Unit
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Clinical Pathology

Colour	Pale Yellow	Pale Yellow	
Appearance	Clear	Clear	
pH Double Indicators Test	7.68	4.6-8.0	
Specific Gravity Refractometric	1.01	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	Positive	Negative	
Urobilinogen Modified Ehrlich Reaction	Negative	Negative	
Urine Bilirubin Diazotisation	Negative	Negative	
R.B.C. Microscopy	Negative	Negative	
Pus Cells	4.16	0-5	
Epithelial Cells Microscopy	2.87	0-3	/HPF
Casts Microscopy	Negative	Negative	/LPF
Crystals Microscopy	Negative	Negative	
Bacteria Microscopy	Negative	Negative	
Others			

Immunosay

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	4.0	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	1.16	0.89-1.76	ng/dL

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Vitamin B12 Level Chemiluminescence Immunoassay (CLIA)	398.06	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	75.89	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	8.51	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	2.22	0.35-5.50	uIU/mL

Haematology

Blood Group	O	-NA-	
Platelet Count Cell Counter	237.32	150-400	10 ³ /ul
Differential Leucocyte Count			
Absolute Neutrophil Count	7.17	2.0-7.0	X 10 ³ /uL
Absolute Lymphocyte Count	2.13	1.5-4.0	X 10 ³ /uL
Absolute Eosinophil Count	0.42	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	0.69	0.2-1.0	X 10 ³ /uL
PDW	8.78	8-12	
PCT	0.35	0-0.5	
Mean Platelet Volume	13.28	9-13	fL
RDW-CV Dc Detection Method (Calculated)	12.62	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	0.0	0-20	mm/h
RDW-SD Cell Counter	41.78	39.0-46.0	fl

Biochemistry

Sodium, Serum Ion Selective Electrode	143.2	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	5.01	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	104.98	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	1.23	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	9.18	8.40-10.40	mg/dL

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Total Cholesterol CHOD-PAP	186.7	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	103.93	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	56.56	35.3-79.5	mg/dL
VLDL Cholesterol calculated	5.72	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	35.42	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	4.0	0.0-5.0	Ratio
LDL/HDL Cholesterol Ratio calculated	2.55	0.00-3.55	Ratio
Non HDL Cholesterol	-10.98	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	-0.16	0-5	mg/L
Iron, Serum Colorimetric	154.47	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	156.16	110.0-370.0	ug/dL
Total Iron Binding capacity	314.43	250-400	ug/dL
Transferrin Saturation %	20.92	12-45	%
Urea, Blood Urease-GLDH	37.67	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	7.52	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	0.9	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	5.95	2.50-6.80	mg/dL
BUN / Creatinine Ratio	1.19	0.8-1.3	mg/dL
Urea / Creatinine Ratio	5.78	1.8-7.1	mg/dL
Bilirubin, Total Diazo	0.88	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	0.05	0.00-0.20	mg/dL
Bilirubin, Indirect	0.94	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	26.14	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	15.01	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	103.17	42.0-98.0	U/L

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Protein, Total Biuret	5.83	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	4.23	3.20-5.00	g/dL
Globulin	3.6	2.00-3.50	g/dL
Microalbumin Immunoturbidity	19.08	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	254.91	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	17.64	0-30.0	mg/g creat
Arthritis Screen			
Calcium	9.93	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	2.54	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimetry	-1.6	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	28.97	40-220	mmol/L
Potassium (Urine Spot Test)	15.42	25-125	mmol/day
Chloride (Urine Spot Test)	246.02	110-250	mmol/l/day