

Name:	
Gender/Age:	
ID:	497507
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	Cloudy	Clear	
pH Double Indicators Test	7.26	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	Negative	Negative	
Urobilinogen Modified Ehrlich Reaction	Negative	Negative	
Urine Bilirubin Diazotisation	Negative	Negative	
R.B.C. Microscopy	Negative	Negative	
Pus Cells	2.26	0-5	
Epithelial Cells Microscopy	-0.05	0-3	/HPF
Casts Microscopy	Negative	Negative	/LPF
Crystals Microscopy	Negative	Negative	
Bacteria Microscopy	Positive	Negative	
Others			

### Haematology

Blood Group	AB	-NA-	
Platelet Count Cell Counter	235.53	150-400	10 <sup>3</sup> /ul
Differential Leucocyte Count			

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Absolute Neutrophil Count	6.15	2.0-7.0	X 10 <sup>3</sup> /uL
Absolute Lymphocyte Count	1.67	1.5-4.0	X 10 <sup>3</sup> /uL
Absolute Eosinophil Count	0.21	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	0.81	0.2-1.0	X 10 <sup>3</sup> /uL
PDW	12.21	8-12	
PCT	0.27	0-0.5	
Mean Platelet Volume	11.72	9-13	fL
RDW-CV Dc Detection Method (Calculated)	13.21	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	17.89	0-20	mm/h
RDW-SD Cell Counter	43.73	39.0-46.0	fl

### Immunosay

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	1.84	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	0.95	0.89-1.76	ng/dL
Vitamin B12 Level Chemiluminescence Immunoassay (CLIA)	346.39	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	73.81	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	9.41	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	0.45	0.35-5.50	uIU/mL

### Biochemistry

Sodium, Serum Ion Selective Electrode	143.58	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	4.2	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	102.34	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	1.26	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	8.41	8.40-10.40	mg/dL

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Total Cholesterol CHOD-PAP	138.85	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	138.8	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	33.41	35.3-79.5	mg/dL
VLDL Cholesterol calculated	18.62	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	65.28	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	3.68	0.0-5.0	Ratio
LDL/HDL Cholesterol Ratio calculated	0.03	0.00-3.55	Ratio
Non HDL Cholesterol	71.7	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	-0.46	0-5	mg/L
Iron, Serum Colorimetric	98.72	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	240.03	110.0-370.0	ug/dL
Total Iron Binding capacity	335.28	250-400	ug/dL
Transferrin Saturation %	42.44	12-45	%
Urea, Blood Urease-GLDH	44.52	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	11.4	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	0.67	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	2.96	2.50-6.80	mg/dL
BUN / Creatinine Ratio	0.96	0.8-1.3	mg/dL
Urea / Creatinine Ratio	3.6	1.8-7.1	mg/dL
Bilirubin, Total Diazo	1.21	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	0.04	0.00-0.20	mg/dL
Bilirubin, Indirect	0.38	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	25.38	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	14.18	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	55.6	42.0-98.0	U/L

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Protein, Total Biuret	6.61	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	4.59	3.20-5.00	g/dL
Globulin	3.36	2.00-3.50	g/dL
Microalbumin Immunoturbidity	13.51	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	271.58	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	15.58	0-30.0	mg/g creat
Arthritis Screen			
Calcium	8.88	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	4.73	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimetry	17.14	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	65.84	40-220	mmol/L
Potassium (Urine Spot Test)	87.79	25-125	mmol/day
Chloride (Urine Spot Test)	160.65	110-250	mmol/l/day