

Name:	
Gender/Age:	
ID:	732197
Specimen collected:	2024-03-16
Report date:	2024-03-16

Test	Result	Reference Range	Unit
<b>Biochemistry</b>			
Sodium, Serum Ion Selective Electrode	146.86	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	5.33	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	100.71	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	1.28	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	8.96	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	97.05	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	144.08	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	83.66	35.3-79.5	mg/dL
VLDL Cholesterol calculated	3.74	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	22.9	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	2.65	0.0-5.0	Ratio
LDL/HDL Cholesterol Ratio calculated	1.41	0.00-3.55	Ratio
Non HDL Cholesterol	139.62	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	0.64	0-5	mg/L
Iron, Serum Colorimetric	142.53	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	283.32	110.0-370.0	ug/dL
Total Iron Binding capacity	375.24	250-400	ug/dL
Transferrin Saturation %	10.8	12-45	%
Urea, Blood Urease-GLDH	23.79	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	8.93	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	0.68	0.60-1.10	mg/dL

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Uric Acid, Serum Uricase	6.68	2.50-6.80	mg/dL
BUN / Creatinine Ratio	0.87	0.8-1.3	mg/dL
Urea / Creatinine Ratio	4.11	1.8-7.1	mg/dL
Bilirubin, Total Diazo	1.18	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	0.04	0.00-0.20	mg/dL
Bilirubin, Indirect	0.97	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	3.64	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	3.64	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	88.09	42.0-98.0	U/L
Protein, Total Biuret	6.88	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	3.56	3.20-5.00	g/dL
Globulin	2.72	2.00-3.50	g/dL
Microalbumin Immunoturbidity	6.42	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	274.63	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	22.61	0-30.0	mg/g creat
Arthritis Screen			
Calcium	10.55	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	5.18	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimetry	-1.16	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	191.03	40-220	mmol/L
Potassium (Urine Spot Test)	88.07	25-125	mmol/day
Chloride (Urine Spot Test)	128.82	110-250	mmol/l/day
<b>Clinical Pathology</b>			
Colour	Pale Yellow	Pale Yellow	
Appearance	Clear	Clear	
pH Double Indicators Test	4.29	4.6-8.0	

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Specific Gravity Refractometric	1.02	1.003-1.030	
Urine Protein Protein Indicator	Negative	Negative	
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	4.39	0-5	
Epithelial Cells Microscopy	1.3	0-3	/HPF
Casts Microscopy	Negative	Negative	/LPF
Crystals Microscopy	Negative	Negative	
Bacteria Microscopy	Positive	Negative	
Others			
<b>Haematology</b>			
Blood Group	B	-NA-	
Platelet Count Cell Counter	300.41	150-400	10 <sup>3</sup> /ul
Differential Leucocyte Count			
Absolute Neutrophil Count	7.31	2.0-7.0	X 10 <sup>3</sup> /uL
Absolute Lymphocyte Count	3.65	1.5-4.0	X 10 <sup>3</sup> /uL
Absolute Eosinophil Count	0.12	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	0.19	0.2-1.0	X 10 <sup>3</sup> /uL
PDW	8.73	8-12	
PCT	0.55	0-0.5	

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Mean Platelet Volume	10.78	9-13	fL
RDW-CV Dc Detection Method (Calculated)	13.41	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	19.47	0-20	mm/h
RDW-SD Cell Counter	45.96	39.0-46.0	fL

### Immunosay

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	3.46	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	1.44	0.89-1.76	ng/dL
Vitamin B12 Level Chemiluminescence Immunoassay (CLIA)	826.98	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	121.88	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	8.21	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	0.23	0.35-5.50	uIU/mL