(Hony) Brig. De. Arvind Lal M.B.B., D.C.P. Finding Cher. Dr. Vandana Lal M.D. (PATTO, IFCAP Chief of Pathology

Test	Status	Result	Reference Range	Unit
Haemotology Blood Group		AB	-NA-	
Platelet Count Cell Counter	Abnormal	131.56	150-400	10^3/ul
Differential Leucocyte Count				
Absolute Neutrophil Count	Normal	2.2	2.0-7.0	X 10^3/uL
Absolute Lymphocyte Count	Normal	2.15	1.5-4.0	X 10^3/uL
Absolute Eosinophil Count	Normal	0.39	0.02-0.50	X 10^3 cells/uL
Absolute Basophil Count	Normal	0.0	0.00-0.00	X 10^3 cells/uL
Absolute Monocyte Count	Normal	0.52	0.2-1.0	X 10^3/uL
PDW	Normal	11.88	8-12	
PCT	Normal	0.03	0-0.5	
Mean Platelet Volume	Normal	10.28	9-13	fL
RDW-CV Dc Detection Method (Calculated)	Normal	14.42	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	Normal	3.82	0-20	mm/h
RDW-SD Cell Counter	Normal	39.34	39.0-46.0	fl
Clinical Pathlogy Colour	Abnormal	Dark Yellow	Pale Yellow	



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Appearance	Abnormal	Cloudy	Clear	
pH Double Indicators Test	Normal	6.87	4.6-8.0	
Specific Gravity Refractometric	Normal	1.01	1.003-1.030	
Urine Protein Protein Indicator	Normal	Negative	Negative	
Urine Sugar Oxidation Reaction	Normal	Negative	Negative	
Ketones Sodium nitroprusside	Normal	Negative	Negative	
Nitrite Diazotisation Reaction	Normal	Negative	Negative	
Blood Peroxidase Reaction	Normal	Negative	Negative	
Urobilinogen Modified Ehrlich Reaction	Normal	Negative	Negative	
Urine Bilirubin Diazotisation	Normal	Negative	Negative	
R.B.C. Microscopy	Normal	Negative	Negative	
Pus Cells	Normal	1.19	0-5	
Epithelial Cells Microscopy	Normal	2.18	0-3	/HPF
Casts Microscopy	Normal	Negative	Negative	/LPF
Crystals Microscopy	Normal	Negative	Negative	
Bacteria Microscopy	Normal	Negative	Negative	

Others



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## **Immunosay**

Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	Normal	3.45	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	Abnormal	1.77	0.89-1.76	ng/dL
Vitamin B12 Level Chemiluminescence Immunoassay(CLIA)	Normal	804.26	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	Normal	148.12	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	Normal	8.02	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	Normal	4.58	0.35-5.50	ulU/mL
<b>Biochemistry</b> Sodium, Serum Ion Selective Electrode	Normal	145.48	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	Normal	5.28	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	Normal	102.76	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	Abnormal	1.29	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	Normal	10.08	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	Normal	40.41	0.0-200.0	mg/dL



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Triglyceride GPO (Trinders)	Normal	87.8	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	45.08	35.3-79.5	mg/dL
VLDL Cholesterol calculated	Normal	17.22	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	96.54	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	Normal	3.08	0.0-5.0	Ratio
LDL/HDL Cholestrol Ratio calculated	Normal	1.75	0.00-3.55	Ratio
Non HDL Cholesterol	Normal	70.65	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	Normal	2.65	0-5	mg/L
Iron, Serum Colorimetric	Normal	55.67	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	Normal	316.94	110.0-370.0	ug/dL
Total Iron Binding capacity	Normal	256.4	250-400	ug/dL
Transferrin Saturation %	Normal	18.03	12-45	%
Urea, Blood Urease-GLDH	Normal	14.27	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	Abnormal	18.02	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	Normal	0.74	0.60-1.10	mg/dL



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Uric Acid, Serum Uricase	Normal	5.97	2.50-6.80	mg/dL
BUN / Creatinine Ratio	Normal	0.95	0.8-1.3	mg/dL
Urea / Creatinine Ratio	Normal	4.48	1.8-7.1	mg/dL
Bilirubin, Total Diazo	Normal	0.31	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	Abnormal	0.21	0.00-0.20	mg/dL
Bilirubin, Indirect	Normal	0.68	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	Normal	18.84	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	Normal	30.14	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	Normal	43.91	42.0-98.0	U/L
Protein, Total Biuret	Normal	6.62	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	Normal	4.08	3.20-5.00	g/dL
Globulin	Abnormal	1.87	2.00-3.50	g/dL
Microalbumin Immunoturbidity	Abnormal	31.8	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	Normal	269.86	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	Normal	1.42	0-30.0	mg/g creat

Arthritis Screen





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Calcium	Normal	9.37	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	Normal	3.55	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimety	Normal	12.48	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	Normal	178.46	40-220	mmol/L
Potassium (Urine Spot Test)	Normal	98.13	25-125	mmol/day
Chloride (Urine Spot Test)	Normal	150.58	110-250	mmol/l/day