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

Test	Status	Result	Reference Range	Unit
Biochemistry Sodium, Serum Ion Selective Electrode	Normal	142.32	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	Normal	5.21	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	Normal	99.92	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	Normal	1.28	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	Normal	9.43	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	Normal	33.33	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	Normal	112.81	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	46.08	35.3-79.5	mg/dL
VLDL Cholesterol calculated	Normal	20.36	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	98.89	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	Normal	3.27	0.0-5.0	Ratio
LDL/HDL Cholestrol Ratio calculated	Normal	0.28	0.00-3.55	Ratio
Non HDL Cholesterol	Abnormal	-8.94	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	Normal	2.91	0-5	mg/L



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Iron, Serum Colorimetric	Normal	111.21	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	Normal	196.15	110.0-370.0	ug/dL
Total Iron Binding capacity	Normal	296.09	250-400	ug/dL
Transferrin Saturation %	Normal	17.76	12-45	%
Urea, Blood Urease-GLDH	Normal	28.48	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	Abnormal	18.6	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	Normal	0.77	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	Normal	3.63	2.50-6.80	mg/dL
BUN / Creatinine Ratio	Normal	1.21	0.8-1.3	mg/dL
Urea / Creatinine Ratio	Normal	3.94	1.8-7.1	mg/dL
Bilirubin, Total Diazo	Normal	0.93	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	Normal	0.08	0.00-0.20	mg/dL
Bilirubin, Indirect	Abnormal	1.01	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	Normal	2.34	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	Abnormal	34.34	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	Normal	54.93	42.0-98.0	U/L



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Protein, Total Biuret	Normal	7.48	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	Normal	4.59	3.20-5.00	g/dL
Globulin	Normal	2.35	2.00-3.50	g/dL
Microalbumin Immunoturbidity	Normal	28.37	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	Normal	285.2	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	Normal	4.91	0-30.0	mg/g creat
Arthritis Screen				
Calcium	Normal	8.91	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	Normal	3.43	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimety	Abnormal	30.68	0-30	IU/mI
Sodium (Urine) Ion Selective Electrode	Normal	160.4	40-220	mmol/L
Potassium (Urine Spot Test)	Normal	30.32	25-125	mmol/day
Chloride (Urine Spot Test)	Abnormal	109.93	110-250	mmol/l/day
Clinical Pathlogy Colour	Abnormal	Dark Yellow	Pale Yellow	
Appearance	Normal	Clear	Clear	



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pH Double Indicators Test	Normal	5.28	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	Abnormal	-0.3	0-5	
Epithelial Cells Microscopy	Abnormal	-0.08	0-3	/HPF
Casts Microscopy	Normal	Negative	Negative	/LPF
Crystals Microscopy	Normal	Negative	Negative	
Bacteria Microscopy	Normal	Negative	Negative	
Others				

Haemotology

Blood Group A -NA-



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Platelet Count Cell Counter	Normal	292.93	150-400	10^3/ul
Differential Leucocyte Count				
Absolute Neutrophil Count	Normal	5.65	2.0-7.0	X 10^3/uL
Absolute Lymphocyte Count	Abnormal	4.17	1.5-4.0	X 10^3/uL
Absolute Eosinophil Count	Normal	0.22	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	0.39	0.2-1.0	X 10^3/uL
PDW	Normal	8.4	8-12	
PCT	Abnormal	-0.01	0-0.5	
Mean Platelet Volume	Normal	11.72	9-13	fL
RDW-CV Dc Detection Method (Calculated)	Normal	12.52	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	Normal	2.17	0-20	mm/h
RDW-SD Cell Counter	Normal	43.17	39.0-46.0	fl
Immunosay Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	Normal	3.94	1.76-4.20	pg/mL
Free Thyroxine (FT4) Chemiluminescence Immunoassay (CLIA)	Normal	1.73	0.89-1.76	ng/dL



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Vitamin B12 Level Chemiluminescence Immunoassay(CLIA)	Normal	255.74	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	Normal	154.68	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	Normal	6.23	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	Normal	0.84	0.35-5.50	ulU/mL