(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	Abnormal	149.47	136.0-149.0	mmol/L
Potassium, Serum Ion Selective Electrode	Normal	4.05	3.50-5.50	mmol/L
Chloride Ion Selective Electrode	Normal	102.77	98.0-109.0	mmol/L
Calcium [Ionic] Ion Selective Electrode	Normal	1.25	1.15-1.29	mmol/L
Calcium, Serum Arsenazo	Normal	10.17	8.40-10.40	mg/dL
Total Cholesterol CHOD-PAP	Normal	175.34	0.0-200.0	mg/dL
Triglyceride GPO (Trinders)	Normal	106.87	35.0-135.0	mg/dl
HDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	66.28	35.3-79.5	mg/dL
VLDL Cholesterol calculated	Normal	8.6	4.7-21.1	mg/dL
LDL Cholesterol Direct (PVS/PEGME precipitation & Trinder reaction)	Normal	18.23	0-100	mg/dL
Total / HDL Cholesterol Ratio calculated	Normal	4.47	0.0-5.0	Ratio
LDL/HDL Cholestrol Ratio calculated	Normal	2.67	0.00-3.55	Ratio
Non HDL Cholesterol	Normal	85.23	0-130	mg/dL
CRP (C-Reactive Protein)-Quantitative Turbidimetric Immunoassay	Normal	1.41	0-5	mg/L



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Iron, Serum Colorimetric	Normal	158.07	50.00-170.00	ug/dL
Unsaturated Iron Binding Capacity	Normal	155.56	110.0-370.0	ug/dL
Total Iron Binding capacity	Normal	263.85	250-400	ug/dL
Transferrin Saturation %	Abnormal	11.14	12-45	%
Urea, Blood Urease-GLDH	Abnormal	10.45	13.00-43.00	mg/dL
Blood Urea Nitrogen (BUN) Spectro-photometry	Normal	12.02	7.00-18.00	mg/dL
Creatinine, Serum Jaffe Kinetic	Normal	0.97	0.60-1.10	mg/dL
Uric Acid, Serum Uricase	Normal	4.47	2.50-6.80	mg/dL
BUN / Creatinine Ratio	Abnormal	1.33	0.8-1.3	mg/dL
Urea / Creatinine Ratio	Abnormal	1.44	1.8-7.1	mg/dL
Bilirubin, Total Diazo	Normal	0.68	0.30-1.20	mg/dL
Bilirubin, Direct Diazo	Normal	0.17	0.00-0.20	mg/dL
Bilirubin, Indirect	Normal	0.69	0.10-1.00	mg/dL
SGOT (AST), Serum IFCC without pyridoxal phosphate	Abnormal	33.75	0.00-31.00	IU/L
SGPT (ALT), Serum IFCC without pyridoxal phosphate	Normal	0.72	0.00-32.00	IU/L
Alkaline Phosphatase (ALP), Serum PNP AMP Kinetic	Normal	44.98	42.0-98.0	U/L



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Protein, Total Biuret	Normal	7.14	6.0-8.0	g/dL
Albumin, Serum Bromo Cresol Green (BCG)	Abnormal	5.08	3.20-5.00	g/dL
Globulin	Normal	2.21	2.00-3.50	g/dL
Microalbumin Immunoturbidity	Normal	13.95	0.0-30.0	mg/L
Creatinine, Random Urine Jaffe Kinetic	Normal	333.85	20.0-370.0	mg/dL
Microalbumin/Creatinine Ratio	Normal	22.04	0-30.0	mg/g creat
Arthritis Screen				
Calcium	Normal	8.67	8.5-10.5	mg/dL
Phosphorous Ammonium molybdate UV	Normal	3.64	2.50-5.00	mg/dL
Rheumatoid Factor (RA Factor) - Quantitative Immunoturbidimety	Normal	2.22	0-30	IU/ml
Sodium (Urine) Ion Selective Electrode	Normal	93.23	40-220	mmol/L
Potassium (Urine Spot Test)	Normal	56.67	25-125	mmol/day
Chloride (Urine Spot Test)	Normal	163.63	110-250	mmol/l/day
Haemotology Blood Group		В	-NA-	
Platelet Count Cell Counter	Normal	244.22	150-400	10^3/ul



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Differential Leucocyte Count

Absolute Neutrophil Count	Normal	5.68	2.0-7.0	X 10^3/uL
Absolute Lymphocyte Count	Normal	1.75	1.5-4.0	X 10^3/uL
Absolute Eosinophil Count	Normal	0.37	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	0.99	0.2-1.0	X 10^3/uL
PDW	Normal	9.2	8-12	
PCT	Normal	0.13	0-0.5	
Mean Platelet Volume	Normal	9.34	9-13	fL
RDW-CV Dc Detection Method (Calculated)	Abnormal	11.38	11.5-14.5	%
Erythrocyte Sedimentation Westergren Rate (ESR)	Normal	16.46	0-20	mm/h
RDW-SD Cell Counter	Normal	42.63	39.0-46.0	fl
Clinical Pathlogy Colour	Abnormal	Dark Yellow	Pale Yellow	
Appearance	Normal	Clear	Clear	
pH Double Indicators Test	Abnormal	8.16	4.6-8.0	
Specific Gravity Refractometric	Abnormal	1.0	1.003-1.030	

Abnormal

Positive

Negative



Urine Protein Protein Indicator

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Dr. Vandana Lal M.D (PATH), IFCAP Chief of Patholog

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	3.66	0-5	
Epithelial Cells Microscopy	Normal	1.89	0-3	/HPF
Casts Microscopy	Normal	Negative	Negative	/LPF
Crystals Microscopy	Normal	Negative	Negative	
Bacteria Microscopy	Normal	Negative	Negative	
Others				
Immunosay Free Triiodothyronine (FT3) Chemiluminescence Immunoassay (CLIA)	Normal	2.94	1.76-4.20	pg/mL

Normal

1.41

0.89-1.76

ng/dL



Chemiluminescence Immunoassay

Free Thyroxine (FT4)

(CLIA)





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Vitamin B12 Level Chemiluminescence Immunoassay(CLIA)	Normal	858.72	211.0-911.0	pg/mL
Triiodothyronine, Total (T3) Chemiluminescence Immunoassay (CLIA)	Abnormal	159.29	58.6-156.2	ng/dL
Thyroxine, Total (T4) Chemiluminescence Immunoassay (CLIA)	Normal	7.95	4.8-10.4	ug/dL
Thyroid Stimulating Hormone (TSH) Chemiluminescence Immunoassay (CLIA)	Normal	3.0	0.35-5.50	ulU/mL