Ref No.
Date

Name Mr. Ashish Kumar Jha Age 34 Sex Male

Test	Result	Unit	Bio. Ref. Range	Method
Biochemistry				
Blood Sugar (Fasting)	90.0	mg/dl	70.0 - 110.0	GOD-POD
Blood Sugar (PP)	110.0	mg/dl	70.0 - 140.0	GOD-POD
Blood Sugar (Random)	100.0	mg/dl	70.0 - 140.0	GOD-POD
Creatinine	1.0	mg/dl	0.6 - 1.2	Jaffe's Kinetic
Urea	30.0	mg/dl	15.0 - 45.0	Urease
Uric Acid	5.0	mg/dl	3.5 - 7.2	Uricase
Total Cholesterol	150.0	mg/dl	150.0 - 200.0	CHOD-PAP
Triglycerides	100.0	mg/dl	50.0 - 150.0	GPO-PAP
HDL Cholesterol	40.0	mg/dl	35.0 - 60.0	Direct Enzymatic
LDL Cholesterol	90.0	mg/dl	70.0 - 130.0	Direct Enzymatic
VLDL Cholesterol	30.0	mg/dl	10.0 - 40.0	Calculated
Total Cholesterol / HDL Ratio	3.8		3.0 - 5.0	Calculated
LDL / HDL Ratio	2.3		1.0 - 3.5	Calculated
Hematology				
Hemoglobin	14.0	gm/dl	13.0 - 17.0	Cyanide free
Total WBC Count	7000	/cmm	4000 - 11000	Impedance
Neutrophil	60	%	40 - 75	Impedance
Lymphocyte	30	%	20 - 45	Impedance
Eosinophil	2	%	1 - 6	Impedance
Monocyte	8	%	2 - 10	Impedance
Basophil	0	%	0 - 1	Impedance
Platelet Count	250000	/cmm	150000 - 450000	Impedance
Red Blood Cell	5.0	mill/cmm	4.0 - 6.0	Impedance
Hematocrit	45.0	%	40.0 - 54.0	Calculated
MCV	90.0	fl	80.0 - 100.0	Calculated
MCH	28.0	pg	27.0 - 32.0	Calculated
MCHC	32.0	gm/dl	30.0 - 35.0	Calculated
RDW-CV	13.0	%	11.5 - 14.5	Calculated
RDW-SD	45.0	fl	35.0 - 56.0	Calculated
MPV	9.0	fl	7.0 - 11.0	Calculated
PDW	12.0	fl	9.0 - 17.0	Calculated
PCT	0.2	%	0.1 - 0.4	Calculated
Blood Group	B			Slide Agglutination
Rh Factor	Positive			Slide Agglutination
Serology				
Widal Test	Negative			Slide Agglutination
Typhidot IgM	Negative			Immunochromatography
Typhidot IgG	Negative			Immunochromatography
Dengue NS1 Antigen	Negative			Immunochromatography
Dengue IgM	Negative			Immunochromatography
Dengue IgG	Negative			Immunochromatography
HBsAg	Negative			Immunochromatography
HCV	Negative			Immunochromatography
HIV I & II	Negative			Immunochromatography
Urine Examination				
Urine Colour	Yellow			Visual
Urine Appearance	Clear			Visual
Urine Sugar	Nil			Benedict's Qualitative
Urine Albumin	Nil			Sulfosalicylic Acid
Urine Pus Cell	2-3	/hpf	0-5	Microscopy
Urine RBC	Nil	/hpf	0-2	Microscopy
Urine Epithelial Cell	2-3	/hpf	0-5	Microscopy
Urine Crystal	Nil			Microscopy
Urine Casts	Nil			Microscopy
Urine Bacteria	Nil			Microscopy
Stool Examination				
Stool Colour	Brown			Visual
Stool Consistency	Soft			Visual
Stool Mucus	Nil			Visual
Stool Pus Cell	Nil	/hpf	0-2	Microscopy
Stool RBC	Nil	/hpf	0-2	Microscopy
Stool Ova	Nil			Microscopy
Stool Cyst	Nil			Microscopy
Stool Parasite	Nil			Microscopy
Thyroid Profile				
T3	1.0	ng/dl	0.7 - 2.0	CLIA
T4	8.0	µg/dl	5.0 - 12.0	CLIA
TSH	2.0	µIU/ml	0.4 - 4.0	CLIA
Liver Function Test				
Total Bilirubin	0.8	mg/dl	0.3 - 1.2	Diazo
Direct Bilirubin	0.2	mg/dl	0.0 - 0.3	Diazo
Indirect Bilirubin	0.6	mg/dl	0.2 - 0.8	Calculated
SGOT	30.0	U/L	15.0 - 37.0	IFCC
SGPT	35.0	U/L	15.0 - 41.0	IFCC
Total Protein	7.0	gm/dl	6.0 - 8.0	Biuret
Albumin	4.0	gm/dl	3.5 - 5.2	BCG
Globulin	3.0	gm/dl	2.0 - 3.5	Calculated
A/G Ratio	1.3		1.0 - 2.5	Calculated
Alkaline Phosphatase	80.0	U/L	40.0 - 129.0	IFCC
GGT	25.0	U/L	7.0 - 32.0	IFCC
Kidney Function Test				
Sodium	140.0	mmol/L	135.0 - 145.0	ISE Indirect
Potassium	4.0	mmol/L	3.5 - 5.1	ISE Indirect
Chloride	100.0	mmol/L	98.0 - 107.0	ISE Indirect
Calcium	9.0	mg/dl	8.5 - 10.5	Arsenazo III
Phosphorus	3.5	mg/dl	2.5 - 4.5	UV Molybdate
Uric Acid	5.0	mg/dl	3.5 - 7.2	Uricase
Cardiac Marker				
Troponin I	0.02	ng/ml	0.00 - 0.04	CMIA
CK-MB	2.0	ng/ml	0.0 - 5.0	CMIA
Myoglobin	30.0	ng/ml	0.0 - 70.0	CMIA
NT-proBNP	50.0	pg/ml	0.0 - 125.0	CMIA
Diabetic Profile				
HbA1c	5.5	%	4.0 - 6.0	HPLC
Fasting Insulin	10.0	µIU/ml	2.0 - 25.0	CLIA
Fasting C-Peptide	2.0	ng/ml	0.8 - 4.2	CLIA
Vitamin & Mineral Profile				
Vitamin D (25-OH)	30.0	ng/ml	30.0 - 100.0	CLIA
Vitamin B12	300.0	pg/ml	200.0 - 900.0	CLIA
Folate	5.0	ng/ml	3.0 - 20.0	CLIA
Iron	80.0	µg/dl	60.0 - 150.0	Ferrozine
Ferritin	100.0	ng/ml	20.0 - 300.0	CLIA
TIBC	300.0	µg/dl	250.0 - 400.0	Calculated
Transferrin Saturation	25.0	%	20.0 - 50.0	Calculated
Coagulation Profile				
PT	12.0	sec	10.0 - 14.0	Clotting
INR	1.0		0.8 - 1.2	Calculated
APTT	30.0	sec	25.0 - 35.0	Clotting
Fibrinogen	300.0	mg/dl	200.0 - 400.0	Clotting
D-Dimer	0.5	µg/ml	0.0 - 0.5	Immunoturbidimetric
Hormone Profile				
Prolactin	15.0	ng/ml	4.0 - 23.0	CLIA
FSH	5.0	mIU/ml	1.5 - 12.4	CLIA
LH	4.0	mIU/ml	1.7 - 8.6	CLIA
Testosterone	500.0	ng/dl	300.0 - 1000.0	CLIA
Cortisol	15.0	µg/dl	5.0 - 25.0	CLIA
Cancer Marker				
PSA	1.0	ng/ml	0.0 - 4.0	CLIA
CEA	2.0	ng/ml	0.0 - 5.0	CLIA
AFP	5.0	ng/ml	0.0 - 10.0	CLIA
CA 19-9	20.0	U/ml	0.0 - 37.0	CLIA
CA 125	30.0	U/ml	0.0 - 35.0	CLIA
Pancreatic Profile				
Amylase	80.0	U/L	30.0 - 110.0	Enzymatic
Lipase	40.0	U/L	13.0 - 60.0	Enzymatic
Miscellaneous				
ESR	10.0	mm/hr	0.0 - 20.0	Westergren
CRP	5.0	mg/dl	0.0 - 6.0	Immunoturbidimetric
Procalcitonin	0.5	ng/ml	0.0 - 0.5	CLIA
Homocysteine	10.0	µmol/L	5.0 - 15.0	CLIA

Remarks

Blood Sugar (Random) 100.0 mg/dl, Creatinine 1.0 mg/dl, Urea 30.0 mg/dl, Uric Acid 5.0 mg/dl, Total Cholesterol 150.0 mg/dl, Triglycerides 100.0 mg/dl, HDL Cholesterol 40.0 mg/dl, LDL Cholesterol 90.0 mg/dl, VLDL Cholesterol 30.0 mg/dl, Total Cholesterol / HDL Ratio 3.8, LDL / HDL Ratio 2.3, Hemoglobin 14.0 gm/dl, Total WBC Count 7000 /cmm, Neutrophil 60 %, Lymphocyte 30 %, Eosinophil 2 %, Monocyte 8 %, Basophil 0 %, Platelet Count 250000 /cmm, Red Blood Cell 5.0 mill/cmm, Hematocrit 45.0 %, MCV 90.0 fl, MCH 28.0 pg, MCHC 32.0 gm/dl, RDW-CV 13.0 %, RDW-SD 45.0 fl, MPV 9.0 fl, PDW 12.0 fl, PCT 0.2 %, Blood Group B, Rh Factor Positive, Widal Test Negative, Typhidot IgM Negative, Typhidot IgG Negative, Dengue NS1 Antigen Negative, Dengue IgM Negative, Dengue IgG Negative, HBsAg Negative, HCV Negative, HIV I & II Negative, Urine Colour Yellow, Urine Appearance Clear, Urine Sugar Nil, Urine Albumin Nil, Urine Pus Cell 2-3 /hpf, Urine RBC Nil /hpf, Urine Epithelial Cell 2-3 /hpf, Urine Crystal Nil, Urine Casts Nil, Urine Bacteria Nil, Stool Colour Brown, Stool Consistency Soft, Stool Mucus Nil, Stool Pus Cell Nil /hpf, Stool RBC Nil /hpf, Stool Ova Nil, Stool Cyst Nil, Stool Parasite Nil, T3 1.0 ng/dl, T4 8.0 µg/dl, TSH 2.0 µIU/ml, Total Bilirubin 0.8 mg/dl, Direct Bilirubin 0.2 mg/dl, Indirect Bilirubin 0.6 mg/dl, SGOT 30.0 U/L, SGPT 35.0 U/L, Total Protein 7.0 gm/dl, Albumin 4.0 gm/dl, Globulin 3.0 gm/dl, A/G Ratio 1.3, Alkaline Phosphatase 80.0 U/L, GGT 25.0 U/L, Sodium 140.0 mmol/L, Potassium 4.0 mmol/L, Chloride 100.0 mmol/L, Calcium 9.0 mg/dl, Phosphorus 3.5 mg/dl, Uric Acid 5.0 mg/dl, Troponin I 0.02 ng/ml, CK-MB 2.0 ng/ml, Myoglobin 30.0 ng/ml, NT-proBNP 50.0 pg/ml, HbA1c 5.5 %, Fasting Insulin 10.0 µIU/ml, Fasting C-Peptide 2.0 ng/ml, Vitamin D (25-OH) 30.0 ng/ml, Vitamin B12 300.0 pg/ml, Folate 5.0 ng/ml, Iron 80.0 µg/dl, Ferritin 100.0 ng/ml, TIBC 300.0 µg/dl, Transferrin Saturation 25.0 %, PT 12.0 sec, INR 1.0, APTT 30.0 sec, Fibrinogen 300.0 mg/dl, D-Dimer 0.5 µg/ml, Prolactin 15.0 ng/ml, FSH 5.0 mIU/ml, LH 4.0 mIU/ml, Testosterone 500.0 ng/dl, Cortisol 15.0 µg/dl, PSA 1.0 ng/ml, CEA 2.0 ng/ml, AFP 5.0 ng/ml, CA 19-9 20.0 U/ml, CA 125 30.0 U/ml, Amylase 80.0 U/L, Lipase 40.0 U/L, ESR 10.0 mm/hr, CRP 5.0 mg/dl, Procalcitonin 0.5 ng/ml, Homocysteine 10.0 µmol/L

Signature