

YOUR CLINICAL TEST RESULTS

Mr. DIPANJAN PAL

MALE / 35 Yrs / AGMC.0000379501 / AGMCAH41285

MEDI WHEEL FULL BODY HCK - MALE (BELOW 40 YRS WITH TMT/ECHO)

Date : 23/09/2023

COMPLETE HAEMOGRAM PROFILE

Test Name	Result	Unit	Level	Range
Hemoglobin	14.8	g/dl	●	13.0-17.0
RBC COUNT	5.78 *	Million/ul	●	4.5-5.5
Hematocrit - Hct:	44.9	%	●	41-53
MCV	77.7 *	fl	●	83-101
MCH	25.6 *	pg	●	27-32
MCHC	33.0	%	●	31.5-34.5
RDW	14.9 *	%	●	11.8-14.0
WBC Count	9500	/cu mm	●	4000-10000
Platelet Count	1.56	lacs/cum m	●	1.5-4.0
Neutrophils	50	%	●	40-80
Lymphocytes	37	%	●	20-40
Monocytes	06	%	●	2-10
Eosinophils	07 *	%	●	01-06
Basophils	00	%	●	0-0
RBC:	Microcytic Hypochromic RBCs.			
WBC:	Eosinophilia noted			
Platelets:	Adequate on the smear			
ERYTHROCYTE SEDIMENTATION RATE (ESR)	6	mm/1st hr	●	0-15

URINE ROUTINE AND MICROSCOPY

Test Name	Result	Unit	Level	Range
Volume:	30	mL		
Colour:	Pale straw			
Appearance	Clear			

● Within Normal Range ● Boderline High/Low ● Outside Range

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Specific Gravity	1.015 *		1.016-1.025
Reaction:	Acidic		
Protein :	Absent		
Sugar:	Absent		
Ketone	Absent		
Bile Pigments:	Absent		
Blood:	Absent		
RBC	Nil	/hpf	0-2
Pus Cells	1-2	/hpf	
Epithelial Cells	1-2 /h.p.f	/hpf	
Yeast Cells	Absent		
Bacteria:	Absent		
Casts:	Not Found		
Crystals:	Not Found		

URINE SUGAR - POST PRANDIAL (QUALITATIVE)

Test Name	Result	Unit	Level	Range
URINE GLUCOSE(POST PRANDIAL)	Nil			

URINE SUGAR- FASTING(QUALITATIVE)

Test Name	Result	Unit	Level	Range
URINE GLUCOSE(FASTING)	Nil			

BLOOD GROUPING AND TYPING (ABO AND RH)

Test Name	Result	Unit	Level	Range
ABO Group:	O			
Rh (D) Type:	POSITIVE			



Within Normal Range



Boderline High/Low



Outside Range

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LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
ALT(SGPT) - SERUM	112 *	U/L	●	0-50
ALBUMIN - SERUM	4.6	g/dL	●	3.5-5.1
ALKALINE PHOSPHATASE - SERUM	88	U/L	●	43-115
AST (SGOT) - SERUM	36	U/L	●	0-50
BILIRUBIN TOTAL - SERUM	0.9	mg/dL	●	0.3-1.2

LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
CHOLESTEROL - SERUM	182	mg/dL	●	0-200

CREATININE - SERUM

Test Name	Result	Unit	Level	Range
CREATININE - SERUM	1.0	mg/dL	●	0.9-1.3

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM	49	U/L	●	0-55

GLUCOSE - PLASMA (FASTING)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (FASTING)	80	mg/dL	●	70-99

GLUCOSE - PLASMA (POST PRANDIAL)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (POST PRANDIAL)	83	mg/dL	●	70-140

HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD

Test Name	Result	Unit	Level	Range
HBA1C (GLYCOSYLATED)	5.3	%	●	Nondiabetic : 4 - 5.6 %
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HAEMOGLOBIN)-WHOLE BLOOD

Prediabetics : 5.7 - 6.4%

Diabetes : \geq 6.5%

ADA Therapeutic goal : $<$ 7%

Note

Hemoglobin variant is present. HbA1c can not be measured accurately by HPLC method. Hemoglobin electrophoresis /Hb typing by HPLC method is suggested to rule out the presence of hemoglobinopathy.

LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
HDL CHOLESTEROL - SERUM	43	mg/dL	●	30-70
LDL CHOLESTEROL -SERUM	110	mg/dL	●	Optimal: $<$ 100
VLDL CHOLESTEROL - SERUM (Calculated)	29	mg/dL	●	0-35

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
PROTEIN TOTAL - SERUM	7.1	g/dL	●	6.4-8.3
GLOBULIN: (CALCULATED) - SERUM	2.4	g/dL	●	1.8-3.6

THYROID PROFILE - I(T3,T4 AND TSH)

Test Name	Result	Unit	Level	Range
TOTAL T3: TRI IODOTHYRONINE - SERUM	1.00	ng/ml	●	0.87-1.78
TOTAL T4: THYROXINE - SERUM	7.9	μ g/dL	●	5.48-14.28

LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
TRIGLYCERIDES - SERUM	142	mg/dL	●	0-150

THYROID PROFILE - I(T3,T4 AND TSH)

Test Name	Result	Unit	Level	Range
TSH: THYROID STIMULATING HORMONE - SERUM	5.7 *	μ IU/mL	●	0.38-5.33

URIC ACID - SERUM

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Test Name	Result	Unit	Level	Range
URIC ACID - SERUM	6.7	mg/dL	●	2.6-7.2

LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
VLDL CHOLESTEROL - SERUM (Calculated)	29	mg/dL	●	0-35

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
BILIRUBIN CONJUGATED (DIRECT) - SERUM	0.2	mg/dL	●	0.0-0.2

BUN (BLOOD UREA NITROGEN)

Test Name	Result	Unit	Level	Range
BUN (BLOOD UREA NITROGEN)	9.0	mg/dL	●	7.0-18.0

LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
A/G - RATIO	1.9		●	1.0-2.0

ECG

- # Normal Sinus Rhythm
- # Normal ECG

TREADMILL TEST / STRESS TEST

Stress testing on Mr. DIPANJAN shows

** The study is INCONCLUSIVE as the patient could not achieve 85% of target heart rate for provokable ischaemia**

ULTRASOUND SCREENING WHOLE ABDOMEN

Hepatomegaly with grade 2 fatty liver.

X-RAY CHEST PA

Normal study.

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INVESTIGATIONS NOT DONE / NOT YET REPORTED / NOT PART OF PACKAGE(LAB,RADIOLOGY & CARDIOLOGY)

Haematology

STOOL ROUTINE

CARDIOLOGY

2D ECHOCARDIOGRAPHY



Within Normal Range



Boderline High/Low



Outside Range