

YOUR CLINICAL TEST RESULTS

Mr. CHIRANJIT SHIL

MALE / 33 Yrs / AGMC.0000371219 / AGMCAH52220

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

Date : 26/10/2024

COMPLETE HAEMOGRAM

Test Name	Result	Unit	Level	Range
Hemoglobin	13.0	g/dl	●	13.0-17.0
RBC COUNT	5.18	Million/ul	●	4.5-5.5
Hematocrit - Hct:	39.6 *	%	●	41-53
MCV	76.4 *	fl	●	83-101
MCH	25.2 *	pg	●	27-32
MCHC	33.0	%	●	31.5-34.5
RDW	15.3 *	%	●	11.8-14.0
WBC Count	5500	/cu mm	●	4000-10000
Platelet Count	0.75 *	lacs/cum m	●	1.5-4.0
Neutrophils	60	%	●	40-80
Lymphocytes	28	%	●	20-40
Monocytes	07	%	●	2-10
Eosinophils	05	%	●	01-06
Basophils	00	%	●	0-0
RBC:	Microcytic Hypochromic RBCs.			
Platelets:	Reduced on Smear.			

ERYTHROCYTE SEDIMENTATION RATE (ESR)

Test Name	Result	Unit	Level	Range
ERYTHROCYTE SEDIMENTATION RATE (ESR)	10	mm/1st hr	●	0-15

URINE ROUTINE AND MICROSCOPY

Test Name	Result	Unit	Level	Range
<p>● Within Normal Range ● Boderline High/Low ● Outside Range</p>				

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Volume:	40	mL		
Colour:	Pale straw			
Appearance	Clear			
Specific Gravity	1.020		●	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	2-4 /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			

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BLOOD GROUPING AND TYPING (ABO AND RH)

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

ALT(SGPT) - SERUM

Test Name	Result	Unit	Level	Range
ALT(SGPT) - SERUM	41	U/L	●	0-50

ALBUMIN - SERUM

Test Name	Result	Unit	Level	Range
ALBUMIN - SERUM	4.4	g/dL	●	3.5-5.1

ALKALINE PHOSPHATASE - SERUM

Test Name	Result	Unit	Level	Range
ALKALINE PHOSPHATASE - SERUM	94	U/L	●	43-115

AST (SGOT) - SERUM

Test Name	Result	Unit	Level	Range
AST (SGOT) - SERUM	37	U/L	●	0-50

BILIRUBIN, TOTAL - SERUM

Test Name	Result	Unit	Level	Range
BILIRUBIN TOTAL - SERUM	0.5	mg/dL	●	0.3-1.2

CHOLESTEROL - SERUM

Test Name	Result	Unit	Level	Range
CHOLESTEROL - SERUM	171	mg/dL	●	0-200
Non-HDL Cholesterol	128			

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CREATININE - SERUM

Test Name	Result	Unit	Level	Range
CREATININE - SERUM	0.8 *	mg/dL	●	0.9-1.3

GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM

Test Name	Result	Unit	Level	Range
GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM	20	U/L	●	0-55

GLUCOSE - PLASMA (FASTING)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (FASTING)	91	mg/dL	●	70-99

GLUCOSE - PLASMA (POST PRANDIAL)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (POST PRANDIAL)	108	mg/dL	●	70-140

HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD

Test Name	Result	Unit	Level	Range
HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD	4.9	%	●	Nondiabetic : 4 - 5.6 % Prediabetics : 5.7 - 6.4% Diabetes : >= 6.5% ADA Therapeutic goal : <7%

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

HDL CHOLESTEROL - SERUM

Test Name	Result	Unit	Level	Range
TC/HDL-C ratio serum	4 *		●	Optimal<3.5
HDL CHOLESTEROL - SERUM	43	mg/dL	●	30-70

LDL CHOLESTEROL -SERUM

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Test Name	Result	Unit	Level	Range
LDL CHOLESTEROL -SERUM	116	mg/dL	●	Optimal: <100
VLDL CHOLESTEROL - SERUM (Calculated)	12	mg/dL	●	0-35

PROTEIN TOTAL - SERUM

Test Name	Result	Unit	Level	Range
PROTEIN TOTAL - SERUM	7.4	g/dL	●	6.4-8.3
Albumin/Globulin Ratio	1.5		●	1.0-2.0
GLOBULIN: (CALCULATED) - SERUM	2.9	g/dL	●	1.8-3.6

TOTAL T3: TRI IODOTHYRONINE - SERUM

Test Name	Result	Unit	Level	Range
TOTAL T3: TRI IODOTHYRONINE - SERUM (Chemiluminescence)	1.05	ng/ml	●	0.87-1.78

TOTAL T4: THYROXINE - SERUM

Test Name	Result	Unit	Level	Range
TOTAL T4: THYROXINE - SERUM (Chemiluminescence)	9.94	µg/dL	●	5.48-14.28

TRIGLYCERIDES - SERUM

Test Name	Result	Unit	Level	Range
TRIGLYCERIDES - SERUM	95	mg/dL	●	0-150

TSH: THYROID STIMULATING HORMONE - SERUM

Test Name	Result	Unit	Level	Range
TSH: THYROID STIMULATING HORMONE - SERUM (Chemiluminescence)	2.36	µIU/mL	●	0.38-5.33

URIC ACID - SERUM

Test Name	Result	Unit	Level	Range
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URIC ACID - SERUM	5.6	mg/dL		2.6-7.2
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VLDL CHOLESTEROL - SERUM

Test Name	Result	Unit	Level	Range
VLDL CHOLESTEROL - SERUM (Calculated)	12	mg/dL		0-35

BILIRUBIN CONJUGATED (DIRECT) - SERUM

Test Name	Result	Unit	Level	Range
BILIRUBIN CONJUGATED (DIRECT) - SERUM	0.1	mg/dL		0.0-0.2

BUN (BLOOD UREA NITROGEN)

Test Name	Result	Unit	Level	Range
BUN (BLOOD UREA NITROGEN)	9.3	mg/dL		7.0-18.0

ECG

- # Normal sinus rhythm
- # Normal ECG

ULTRASOUND SCREENING WHOLE ABDOMEN

NORMAL STUDY.

X-RAY CHEST PA

Normal study.

2D ECHOCARDIOGRAPHY

Echocardiography findings are within normal limits.

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