

# YOUR CLINICAL TEST RESULTS

**Mr. SANGRAM RAKHIT**

MALE / 47 Yrs / AGMC.0000384303 / AGMCAH44901

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

Date : 10/02/2024

## COMPLETE HAEMOGRAM PROFILE

Test Name	Result	Unit	Level	Range
Hemoglobin	14.5	g/dl	●	13.0-17.0
RBC COUNT	5.44	Million/ul	●	4.5-5.5
Hematocrit - Hct:	42.7	%	●	41-53
MCV	78.5 *	fl	●	83-101
MCH	26.6 *	pg	●	27-32
MCHC	33.9	%	●	31.5-34.5
RDW	15.4 *	%	●	11.8-14.0
WBC Count	6600	/cu mm	●	4000-10000
Platelet Count	1.62	lacs/cum m	●	1.5-4.0
Neutrophils	62	%	●	40-80
Lymphocytes	29	%	●	20-40
Monocytes	05	%	●	2-10
Eosinophils	04	%	●	01-06
Basophils	00	%	●	0-0
RBC:	Microcytic Hypochromic RBCs.			
Platelets:	Adequate on the smear			
ERYTHROCYTE SEDIMENTATION RATE (ESR)	5	mm/1st hr	●	0-15

## URINE ROUTINE AND MICROSCOPY

Test Name	Result	Unit	Level	Range
Volume:	40	mL		
Colour:	Pale straw			
Appearance	Slightly Turbid			
Specific Gravity	1.020		●	1.016-1.025

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Reaction:	Acidic		
Protein :	Absent		
Sugar:	Absent		
Ketone	Absent		
Bile Pigments:	Absent		
Blood:	Absent		
RBC	Nil	/hpf	0-2
Pus Cells	4-6	/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			

### BLOOD GROUPING AND TYPING (ABO AND RH)

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

### LIVER FUNCTION TEST (PACKAGE)

 Within Normal Range  Boderline High/Low  Outside Range

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Test Name	Result	Unit	Level	Range
ALT(SGPT) - SERUM	61 *	U/L	●	0-50
ALBUMIN - SERUM	4.9	g/dL	●	3.5-5.1
ALKALINE PHOSPHATASE - SERUM	59	U/L	●	43-115
AST (SGOT) - SERUM	41	U/L	●	0-50
BILIRUBIN TOTAL - SERUM	1.5 *	mg/dL	●	0.3-1.2

### LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
CHOLESTEROL - SERUM	264 *	mg/dL	●	0-200

### CREATININE - SERUM

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

### LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
GGTP: GAMMA GLUTAMYL TRANSPEPTIDASE - SERUM	121 *	U/L	●	0-55

### GLUCOSE - PLASMA (FASTING)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (FASTING)	111 *	mg/dL	●	70-99

### GLUCOSE - PLASMA (POST PRANDIAL)

Test Name	Result	Unit	Level	Range
GLUCOSE - PLASMA (POST PRANDIAL)	123	mg/dL	●	70-140

### HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD

Test Name	Result	Unit	Level	Range
HBA1C (GLYCOSYLATED HAEMOGLOBIN)-WHOLE BLOOD	5.0	%	●	Nondiabetic : 4 - 5.6 % Prediabetics : 5.7 - 6.4%



Within Normal Range



Boderline High/Low



Outside Range

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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	51	mg/dL	●	30-70
LDL CHOLESTEROL -SERUM	196 *	mg/dL	●	Optimal: $<100$
VLDL CHOLESTEROL - SERUM (Calculated)	17	mg/dL	●	0-35

### LIVER FUNCTION TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
PROTEIN TOTAL - SERUM	7.6	g/dL	●	6.4-8.3
GLOBULIN: (CALCULATED) - SERUM	2.7	g/dL	●	1.8-3.6

### THYROID PROFILE - I(T3,T4 AND TSH)

Test Name	Result	Unit	Level	Range
TOTAL T3: TRI IODOTHYRONINE - SERUM	1.35	ng/ml	●	0.87-1.78
TOTAL T4: THYROXINE - SERUM	8.00	$\mu\text{g/dL}$	●	5.48-14.28

### LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
TRIGLYCERIDES - SERUM	284 *	mg/dL	●	0-150

### THYROID PROFILE - I(T3,T4 AND TSH)

Test Name	Result	Unit	Level	Range
TSH: THYROID STIMULATING HORMONE - SERUM	1.34	$\mu\text{IU/mL}$	●	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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### LIPID PROFILE TEST (PACKAGE)

Test Name	Result	Unit	Level	Range
VLDL CHOLESTEROL - SERUM (Calculated)	17	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

### PROSTATIC SPECIFIC ANTIGEN (PSA TOTAL) - SERUM

Test Name	Result	Unit	Level	Range
PROSTATIC SPECIFIC ANTIGEN (PSA TOTAL) - SERUM	1.62	ng/mL	●	0.00-6.50

### 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

### 2D ECHOCARDIOGRAPHY

- Good biventricular systolic function.

### ECG

# Normal Sinus Rhythm  
# ST-T wave changes noted  
-- Please correlate clinically.

### ULTRASOUND SCREENING WHOLE ABDOMEN

- Hepatomegaly with grade I fatty liver.

### X-RAY CHEST PA

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Normal study.

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

**Haematology**

STOOL ROUTINE

**CARDIOLOGY**

TREADMILL TEST / STRESS TEST



Within Normal Range



Boderline High/Low



Outside Range