



# Shree Ram Multispeciality Hospital (SRMH)

L o k a h S a m a s t a S u k h i n o B h a v a n t u



PT. NAME : MR. ASHIS KUMAR JHA  
 MOBILE NO : 7581044404 TEST NO 1249  
 DOCTOR : DR. AJIT KUMAR  
 REFERED BY : SELF

AGE / SEX : 34Y/MALE  
 UH ID NO. : SRMH-25011885  
 COLLECTION : 30-01-2025  
 REPORTING : 30-Jan-2025

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## HAEMATOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BLOOD GROUPING AND RH TYPING</b>			
BLOOD GROUP	"O"		-
RH FACTOR	POSITIVE		-
<b>CBC (COMPLETE BLOOD COUNT)</b>			
HAEMOGLOBIN (Hb)	12.9	gm%	13.5 - 17.5
TOTAL RBC COUNT	5.23	Million/cumm	4.5 - 5.9
HAEMATOCRIT (PCV)	38.7	%	41.5 - 50.4
<b>RBC INDICES</b>			
MCV	85.8	fl	78 - 96
MCH	24.6	pg	27 - 32
MCHC	28.7	%	33 - 37
RDW	14.2	%	11 - 16
TOTAL WBC COUNT (TLC)	8200	/cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS	67	%	40 - 70
LYMPHOCYTES	28	%	22 - 48
EOSINOPHILS	01	%	0 - 6
MONOCYTES	04	%	0 - 8
BASOPHILS	00	%	00 -
PLATELET COUNT	1.72	/cumm	1.50 - 4.50
PCT	0.21	%	0.10 - 0.28
MPV(MEAN PLATELET VOLUME)	12.3	µm <sup>3</sup>	8 - 11
PDW	16.9	%	11 - 18

-- End Of Report --

LAB TECHNICIAN

Dr. Dhananjay Prasad  
MBBS, MD (Pathologist)

Note : This Report is not for medicolegal purpose



Near Railway Under Bridge, Basant Vihar Gate No. 1, Gondwara Chowk, Gudhiyari, Raipur (Chhattisgarh)

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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BLOOD SUGAR - FASTING AND PP</b>			
BLOOD SUGAR FASTING	89.4	mg/dL	70 - 110

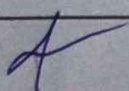
## CLINICAL PATHOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>URINE SUGAR FASTING AND PP</b>			
URINE SUGAR FASTING	Absent		Absent -

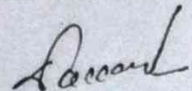
## HAEMATOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>ESR (ERYTHROCYTE SEDIMENTATION RATE)</b>			
ESR	12	mm at end of 1 h	0 - 20

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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BUN (BLOOD UREA NITROGEN)</b>			
BUN	8.77	mg / dl	7.00 - 20.00
Serum Creatinine	0.84	mg / dl	0.55 - 1.20
BUN / Creatinine Ratio	10.4		10.1 - 20.1
<b>HbA1c -Glycosylated hemoglobin</b>			
HbA1c -Glycosylated hemoglobin	5.41	%	Normal Range : <6% Good Control : 6-7% fair Control : 7-8% Unsatisfactory Control : 8-10% Poor Control : >10% - 80 - 120
Estimated average plasma glucose	115.2	mg/dl	
<b>UREA AND CREATININE</b>			
SERUM CREATININE	0.84	mg/dL	0.6 - 1.2
SERUM URIC ACID	5.48	mg/dL	3.6 - 7.7

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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>LIVER FUNCTION TEST (LFT)</b>			
BILIRUBIN TOTAL	0.53	mg/dL	0.2 - 1
BILIRUBIN DIRECT	0.21	mg / dl	0.1 - 0.6
BILIRUBIN INDIRECT	0.32	mg / dl	0.1 - 0.4
SGOT	30.5	U / L	0 - 46
SGPT	27.3	U / L	0 - 40
ALKALINE PHOSPHATASE	219.6	U / L	0 - 240
TOTAL PROTEIN	6.92	g / dl	6 - 8
ALBUMIN	3.83	g/dl	3.5 - 5.0
GLOBULIN	3.09	g / dl	2 - 3.5
A/G RATIO	1.23		1 - 2.5

### Clinical Significance

**Alanine transaminase (ALT)**

ALT is an enzyme found in the liver that helps your body metabolize protein. When the liver is damaged, ALT is released into the bloodstream and levels increase.

**Aspartate transaminase (AST)**

AST is an enzyme that helps metabolize alanine, an amino acid. Like ALT, AST is normally present in blood at low levels. An increase in AST levels may indicate liver damage or disease or muscle damage.

**Alkaline phosphatase (ALP)**

ALP is an enzyme in the liver, bile ducts and bone. Higher-than-normal levels of ALP may indicate liver damage or disease, such as a blocked bile duct, or certain bone diseases.

**Albumin and total protein**

Albumin is one of several proteins made in the liver. Your body needs these proteins to fight infections and to perform other functions. Lower-than-normal levels of albumin and total protein might indicate liver damage or disease.

**Bilirubin**

Bilirubin is a substance produced during the normal breakdown of red blood cells. Bilirubin passes through the liver and is excreted in stool. Elevated levels of bilirubin (jaundice) might indicate liver damage or disease or certain types of anemia.

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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>LIPID PROFILE</b>			
CHOLESTEROL	203.5	mg / dl	150 - 220
SERUM TRYGLYCERIDE	93.5	mg / dl	60 - 165
HDL	36.1	mg / dl	35 - 80
LDL	192.4	mg/dL	90 - 160
VLDL	18.7	mg/dL	20 - 50
CHOLESTEROL / HDL RATIO	6.32	mg/dL	3.5 - 5.5
LDL/HDL Ratio	5.32	mg / dl	2.5 - 3.5

## IMMUNOASSAY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>THYROID PROFILE (T3, T4, TSH)</b>			
T3 (TRIIODOTHYRONINE)	0.93	ng/ml	0.8 - 2
T4 (THYROXINE)	7.46	ug/dl	5.13 - 14.06
TSH	0.54	uIU/ml	0.27 - 4.2

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## IMMUNOASSAY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>SERUM PSA TOTAL</b>			
PSA (TOTAL )	1.94	ng/mL	0 - 4

### Clinical Significance :

- An aid in the early detection of Prostate cancer when used in conjunction with Digital rectal examination in males more than 50 years of age and in those with two or more affected first degree relatives.
- Follow up and management of Prostate cancer patients.
- Detect metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.
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- Follow up and management of Prostate cancer patients.
- Detect metastatic or persistent disease in patients following surgical or medical treatment of prostate cancer.

### Increased Levels :

- Prostate cancer
- Benign Prostate Hyperplasia
- Prostatitis
- Genitourinary infections
- Prostate cancer
- Benign Prostate Hyperplasia
- Prostatitis
- Genitourinary infections

## PATHOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT	13.1	U/L	12.00 - 18.00

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## CLINICAL PATHOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
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### URINE ROUTINE AND MICROSCOPY

#### PHYSICAL EXAMINATION

QUANTITY	20	ml	-
COLOUR	Dark Yellow		Pale Yellow -
APPEARANCE	Clear		Clear -
REACTION	Acitic		Acitic -

#### CHEMICAL EXAMINATION

ALBUMIN	Present(+)		Absent -
SUGAR	Absent		Absent -
KETONE	Absent		Absent -
BILE SALT	Absent		Absent -
BILE PIGMENT	Absent		Absent -

#### MICROSCOPIC EXAMINATION

PUS CELLS	3-4	/hpf	2 - 5
EPITHELIAL CELLS	2-3	/hpf	1 - 5
RBC	Nil	/hpf	0 - 3
CAST	Nil	/lpf	Nil -
YEAST	Nil		Nil -
CRYSTAL	Nil	/lpf	Nil -
BACTERIA	Nil		Nil -
OTHERS	-		-

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