



# Shree Ram Multispeciality Hospital (SRMH)

Lokah Samasta Sukhino Bhavantu



PT. NAME : MR. SUNIL SOMKUWAR  
 MOBILE NO : 7987145210 TEST NO 1248  
 DOCTOR : DR. AJIT KUMAR  
 REFERED BY : SELF

AGE / SEX : 38Y/MALE  
 UH ID NO : SRMH-25011903  
 COLLECTION : 30-01-2025  
 REPORTING : 30-Jan-2025

98

HAEMATOLOGY			
TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BLOOD GROUPING AND RH TYPING</b>			
BLOOD GROUP	"A"		-
RH FACTOR	Positive		-
<b>CBC (COMPLETE BLOOD COUNT)</b>			
HAEMOGLOBIN (Hb)	12.3	gm%	13.5 - 17.5
TOTAL RBC COUNT	4.79	Million/cumm	4.5 - 5.9
HAEMATOCRIT (PCV)	36.9	%	41.5 - 50.4
<b>RBC INDICES</b>			
MCV	89.7	fl	78 - 96
MCH	25.6	pg	27 - 32
MCHC	28.5	%	33 - 37
RDW	12.6	%	11 - 16
TOTAL WBC COUNT (TLC)	9,400	/cumm	4000 - 11000
<b>DIFFERENTIAL COUNT</b>			
NEUTROPHILS	68	%	40 - 70
LYMPHOCYTES	27	%	22 - 48
EOSINOPHILS	02	%	0 - 6
MONOCYTES	03	%	0 - 8
BASOPHILS	00	%	00 -
PLATELET COUNT	3.20	/cumm	1.50 - 4.50
PCT	0.28	%	0.10 - 0.28
MPV(MEAN PLATELET VOLUME)	8.8	µm <sup>3</sup>	8 - 11
PDW	16.3	%	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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# SHREE RAM MULTISPECIALITY HOSPITAL

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Near Railway Under Bridge, Basant Vihar Gate No. 1, Gondwara Chowk, Gudhiyari, Raipur (C.G.)  
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## BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>BLOOD SUGAR - RANDOM (BSR/RBS)</b>			
BLOOD SUGAR RANDOM	97.1	mg / dl	70 - 120
<b>HbA1c -Glycosylated hemoglobin</b>			
HbA1c -Glycosylated hemoglobin	4.92	%	Normal Range : <6% Good Control : 6-7% fair Control : 7-8% Unsatisfactory Control : 8-10% Poor Control : >10% - 80 - 120
Estimated average plasma glucose	97.852	mg/dl	

## CLINICAL PATHOLOGY

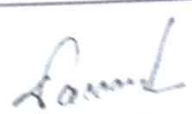
TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>URINE SUGAR FASTING AND PP</b>			
URINE SUGAR RANDOM	Absent		Absent -

## HAEMATOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>ESR (ERYTHROCYTE SEDIMENTATION RATE)</b>			
ESR	15	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	12.8	mg / dl	7.00 - 20.00
Serum Creatinine	0.79	mg / dl	0.55 - 1.20
BUN / Creatinine Ratio	16.2		10.1 - 20.1

## LIPID PROFILE

CHOLESTEROL	199.2	mg / dl	150 - 220
SERUM TRYGLYCERIDE	101.4	mg / dl	60 - 165
HDL	36.8	mg / dl	35 - 80
LDL	162.4	mg/dL	90 - 160
VLDL	20.28	mg/dL	20 - 50
CHOLESTEROL / HDL RATIO	5.41	mg/dL	3.5 - 5.5
LDL/HDL Ratio	4.41	mg / dl	2.5 - 3.5

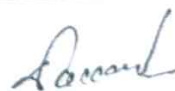
## UREA AND CREATININE

SERUM CREATININE	0.79	mg/dL	0.6 - 1.2
SERUM URIC ACID	5.01	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	0.43	mg/dL	0.2 - 1
BILIRUBIN DIRECT	0.21	mg / dl	0.1 - 0.6
BILIRUBIN INDIRECT	0.22	mg / dl	0.1 - 0.4
SGOT	29.4	U / L	0 - 46
SGPT	26.5	U / L	0 - 40
ALKALINE PHOSPHATASE	189.1	U / L	0 - 240
TOTAL PROTEIN	6.54	g / dl	6 - 8
ALBUMIN	3.71	g/dl	3.5 - 5.0
GLOBULIN	2.83	g / dl	2 - 3.5
A/G RATIO	1.31		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. A 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.

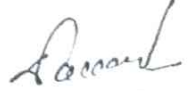
Bilirubin.

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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IMMUNOASSAY			
TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>SERUM PSA TOTAL</b>			
PSA (TOTAL )	1.54	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

**THYROID PROFILE (T3, T4, TSH)**

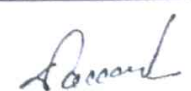
T3 (TRIIODOTHYRONINE)	1.99	ng/ml	0.8 - 2
T4 (THYROXINE)	13.0	ug/dl	5.13 - 14.06
TSH	1.23	uIU/ml	0.27 - 4.2

**PATHOLOGY**

TEST NAME	RESULT	UNIT	NORMAL VALUES
<b>GGT (GAMMA GLUTAMYL TRANSFERASE)</b>			
GGT	13.5	U / L	12.00 - 18.00

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## CLINICAL PATHOLOGY

TEST NAME

RESULT

UNIT

NORMAL VALUES

### URINE ROUTINE AND MICROSCOPY

#### PHYSICAL EXAMINATION

QUANTITY

20 ml

Pale Yellow -

COLOUR

Pale Yellow

Clear -

APPEARANCE

Clear

Acitic -

REACTION

Acitic

-

#### CHEMICAL EXAMINATION

ALBUMIN

Absent

Absent -

SUGAR

Absent

Absent -

KETONE

Absent

Absent -

BILE SALT

Absent

Absent -

BILE PIGMENT

Absent

Absent -

#### MICROSCOPIC EXAMINATION

PUS CELLS

2-3

/hpf

2 - 5

EPITHELIAL CELLS

1-2

/hpf

1 - 5

RBC

Nil

/hpf

0 - 3

CAST

Nil

/lpf

Nil -

YEAST

Nil

/lpf

Nil -

CRYSTAL

Nil

Nil -

BACTERIA

-

Nil -

OTHERS

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