



Shree Ram Multispeciality Hospital (SRMH)

Lokah Samasta Sukhino Bhavantu



PT. NAME : MR. AMIT KUMAR TIWARI
 MOBILE NO : 9893173633 TEST NO 1247
 DOCTOR : DR. AJIT KUMAR
 REFERED BY : SELF

AGE / SEX : 42Y/MALE
 UH ID NO. : SRMH-25011883
 COLLECTION : 30-01-2025
 REPORTING : 30-Jan-2025

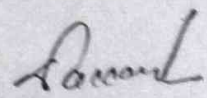
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HAEMATOTOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
BLOOD GROUPING AND RH TYPING			
BLOOD GROUP	"B"		-
RH FACTOR	POSITIVE		-
CBC (COMPLETE BLOOD COUNT)			
HAEMOGLOBIN (Hb)	12.2	gm%	13.5 - 17.5
TOTAL RBC COUNT	4.47	Million/cumm	4.5 - 5.9
HAEMATOCRIT (PCV)	36.6	%	41.5 - 50.4
RBC INDICES			
MCV	90.5	fl	78 - 96
MCH	25.7	pg	27 - 32
MCHC	28.4	%	33 - 37
RDW	12.9	%	11 - 16
TOTAL WBC COUNT (TLC)	7200	/cumm	4000 - 11000
DIFFERENTIAL COUNT			
NEUTROPHILS	64	%	40 - 70
LYMPHOCYTES	31	%	22 - 48
EOSINOPHILS	02	%	0 - 6
MONOCYTES	03	%	0 - 8
BASOPHILS	00	%	00 -
PLATELET COUNT	2.43	/cumm	1.50 - 4.50
PCT	0.22	%	0.10 - 0.28
MPV(MEAN PLATELET VOLUME)	9.2	µm ³	8 - 11
PDW	15.8	%	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
BLOOD SUGAR - RANDOM (BSR/RBS)			
BLOOD SUGAR RANDOM	92.4	mg / dl	70 - 120

CLINICAL PATHOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
URINE SUGAR FASTING AND PP			
URINE SUGAR RANDOM	Absent		Absent -

HAEMATOLOGY

TEST NAME	RESULT	UNIT	NORMAL VALUES
ESR (ERYTHROCYTE SEDIMENTATION RATE)			
ESR	15	mm at end of 1 h	0 - 20

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BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
BUN (BLOOD UREA NITROGEN)			
BUN	13.4	mg / dl	7.00 - 20.00
Serum Creatinine	0.89	mg / dl	0.55 - 1.20
BUN / Creatinine Ratio	15.0		10.1 - 20.1

HbA1c -Glycosylated hemoglobin

HbA1c -Glycosylated hemoglobin	5.23	%	Normal Range : <6% Good Control : 6-7% fair Control : 7-8% Unsatisfactory Control : 8-10% Poor Control : >10% - 80 - 120
Estimated average plasma glucose	108.8	mg/dl	

UREA AND CREATININE

SERUM CREATININE	0.89	mg/dL	0.6 - 1.2
SERUM URIC ACID	5.71	mg/dL	3.6 - 7.7

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BIOCHEMISTRY

TEST NAME	RESULT	UNIT	NORMAL VALUES
LIVER FUNCTION TEST (LFT)			
BILIRUBIN TOTAL	0.52	mg/dL	0.2 - 1
BILIRUBIN DIRECT	0.28	mg / dl	0.1 - 0.6
BILIRUBIN INDIRECT	0.24	mg / dl	0.1 - 0.4
SGOT	27.5	U / L	0 - 46
SGPT	25.1	U / L	0 - 40
ALKALINE PHOSPHATASE	178.1	U / L	0 - 240
TOTAL PROTEIN	6.57	g / dl	6 - 8
ALBUMIN	3.98	g/dl	3.5 - 5.0
GLOBULIN	2.59	g / dl	2 - 3.5
A/G RATIO	1.53		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
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LIPID PROFILE

CHOLESTEROL	182.5	mg / dl	150 - 220
SERUM TRYGLYCERIDE	91.9	mg / dl	60 - 165
HDL	37.5	mg / dl	35 - 80
LDL	145	mg/dL	90 - 160
VLDL	18.38	mg/dL	20 - 50
CHOLESTEROL / HDL RATIO	4.86	mg/dL	3.5 - 5.5
LDL/HDL Ratio	3.86	mg / dl	2.5 - 3.5

IMMUNOASSAY

TEST NAME	RESULT	UNIT	NORMAL VALUES
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THYROID PROFILE (T3, T4, TSH)

T3 (TRIIODOTHYRONINE)	0.87	ng/ml	0.8 - 2
T4 (THYROXINE)	6.18	ug/dl	5.13 - 14.06
TSH	1.34	uIU/ml	0.27 - 4.2

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IMMUNOASSAY

TEST NAME	RESULT	UNIT	NORMAL VALUES
SERUM PSA TOTAL			
PSA (TOTAL)	2.01	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
GGT (GAMMA GLUTAMYL TRANSFERASE)			
GGT	17.2	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	Co:ourless		Pale Yellow -
APPEARANCE	Clear		Clear -
REACTION	Acitic		Acitic -

CHEMICAL EXAMINATION

ALBUMIN	Absent		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	1-2	/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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