

Lokah Samasta Sukhino Bhavantu



PT. NAME MOBILE NO MR.SATISH KUMAR SONI 9826702890 TEST NO 872

DOCTOR : DR. AJIT KUMAR

REFERED BY : SELF

AGE / SEX UH ID NO.

35Y 10M 14D/MALE SRMH-24111357

COLLECTION : 08-11-2024 REPORTING : 08-Nov-2024

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		TAEMATOLOG	Ť	
T	EST NAME	RESULT	UNIT	NORMAL VALUES
	CBC (CO	MPLETE BLOOD	COUNT)	
	HAEMOGLOBIN (Hb)	13.7	gm%	13.5 - 17.5
	TOTAL RBC COUNT	4.60	Million/cumm	4.5 - 5.9
	HAEMATOCRIT (PCV)	41.3	%	41.5 - 50.4
	RBC INDICES			
-	MCV	102.3	fl	78 - 96
	MCH	29.8	pg	27 - 32
	MCHC	29.0	%	33 - 37
	RDW	14.2	%	11 - 16
	TOTAL WBC COUNT (TLC)	6,000	/cumm	4000 - 11000
	DIFFERENTIAL COUNT			-
	NEUTROPHILS	62	%	40 - 70
	LYMPHOCYTES	30	%	22 - 48
	EOSINOPHILS	03	%	0 - 6
	MONOCYTES	05	%	2 - 10
	BASOPHILS	00	%	-
	PLATELET COUNT	2.68	/cumm	1.50 - 4.50
	PCT	0.22	%	0.10 - 0.28
	MPV(MEAN PLATELET VOLUME)	8.3	µm3	8 - 11
0	PDW	15.7	%	11 - 18

LABITECHNICIAN

Note: This Report is not for medicolegal purpose

-- End Of Report --

Dr. Dhananjay Prasad MBBS, MD (Pathologist)

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

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COLLECTION

UNIT

: 08-11-2024 : 08-Nov-2024

HAEMATOLOGY

TEST NAME RESULT

NORMAL VALUES

BLOOD GROUPING AND RH TYPING

BLOOD GROUP RH FACTOR

"B"

POSITIVE

LAB TECHNICIAN

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COLLECTION REPORTING

08-Nov-2024

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	COLIETIAGIA	•	
TEST NAME	RESULT	UNIT	NORMAL VALUES
HbA1c -G	lycosylated hen	noglobin	
HbA1c -Glycosylated hemoglobin	5.11	%	Normal Range : <6% Good Control : 6-7% fair Control : 7-8% Unsatisfactory Control : 8-10%
Estimated average plasma glucose	104.61	mg/dl	Poor Control : >10% - 80 - 120

HAEMATOLOGY

TEST NAME RESULT UNIT NORMAL VALUES

ESR (ERYTHROCYTE SEDIMENTATION RATE)

ESR

15

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: 08-11-2024 : 08-Nov-2024

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	DECCITETIES	•		
TEST NAME	RESULT	UNIT	NORMAL VALUES	
BLOO	D SUGAR - FASTING	AND PP		
BLOOD SUGAR FASTING	82.4	mg/dL	70 - 110	
BLOOD SUGAR PP	112 4	ma/dl	80 - 140	

CLINICAL PATHOLOGY

TEST NAME

RESULT

UNIT

NORMAL VALUES

URINE SUGAR FASTING AND PP

HIS IS THE OWNER OF THE PARTY AND IN A STREET

URINE SUGAR FASTING URINE SUGAR PP Absent

Absent

Absent -

Absent -

-- End Of Report --

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		BIOCHEMISIK	Υ		
	EST NAME	RESULT	UNIT	NORMAL VALUES	
	3	LIVER FUNCTION TEST	(LFT)		
	BILIRUBIN TOTAL	0.49	mg/dL	0.2 - 1	
	BILIRUBIN DIRECT	0.26	mg / dl	0.1 - 0.6	
	BILIRUBIN INDIRECT	0.23	mg / dl	0.1 - 0.4	
	SGOT	30.1	U/L	0 - 46	
6	SGPT	27.8	U/L	0 - 40	
	ALKALINE PHOSPHATASE	186.3	U/L	0 - 240	
	TOTAL PROTEIN	6.77	g/dl	6 - 8	
	ALBUMIN	3.84	g/dl	3.5 - 5.0	
	GLOBULIN	2.93	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 int 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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: 08-Nov-2024

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TEST NAME	RESULT	UNIT	NORMAL VALUES	
	CREATININE			
CREATININE	0.91	mg / dl	0.6 - 1.2	

URIC ACID

URIC ACID

5.49

mg/dL

3.6 - 7.7

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REPORTING : 08-Nov-2024

		BIOCHEMISTRY			
	EST NAME	RESULT	UNIT	NORMAL VALUES	
		LIPID PROFILE		TOTAL VALUES	
	CHOLESTEROL	181.4	mg / dl	150 - 220	
	SERUM TRYGLYCERIDE	98.6	mg / dl	60 - 165	
	HDL	37.8	mg / dl	35 - 80	
	LDL	143.6	mg/dL	90 - 160	
0	VLDL	19.72	mg/dL	20 - 50	
•	CHOLESTEROL / HDL RATIO	4.79	mg/dL	3.5 - 5.5	
	LDL/HDL Ratio	3.79	mg / dl	2.5 - 3.5	
	TRIGLYCERIDES / HDL RATIO	2.60	mg / dl	2.0 - 4.0	

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COLLECTION :

: 08-11-2024 : 08-Nov-2024

		The state of the s		
	IMMUNOASSA	Y		
TEST NAME	RESULT	UNIT	NORMAL VALUES	
TH	YROID PROFILE (T3,)	4, TSH)		
T3 (TRIIODOTHYRONINE)	1.13	ng/ml	0.8 - 2	
T4 (THYROXINE)	10.5	ug/dl	5.13 - 14.06	
TSH	3.24	uIU/ml	0.27 - 4.2	

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COLLECTION

: 08-11-2024 : 08-Nov-2024

IMMUNOASSAY

TEST NAME

RESULT

UNIT

NORMAL VALUES

VITAMIN B12

VITAMIN B12

711.8

pg/ml

197 - 771

Comments:

Vitamin B12 performs many important functions in the body. The most common cause is malabsorption either due to atrophy of gastric mucosa or disease of terminal ileum. Vit B12 deficiency leads to Megaloblastic anemia and demyelination of large nerve fibres of spinal cord.

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Decreased Levels:

Dietary deficiency: Vegetarians

Lack of Intrinsic factor: Total or partial gastrectomy, Atrophic gastritis, intrinsic factor antibodies.

Malabsorption: Regional ileitis, resected bowel, Tropical sprue, Celiac disease, pancreatic insufficiency, bacterial overgrowth & achlorhydria.

Loss of ingested vitamin B12: fish tapeworm

Congenital disorders: Orotic aciduria & transcobalamine deficiency

Increased demand. Pregnancy specially last trimester.

Dietary deficiency. Vegetarians

Lack of Intrinsic factor: Total or partial gastrectomy, Atrophic gastritis, intrinsic factor antibodies.

 Malabsorption: Regional ileitis, resected bowel, Tropical sprue, Celiac disease, pancreatic insufficiency, bacterial overgrowth & achlorhydria.

Loss of ingested vitamin B12: fish tapeworm

Congenital disorders: Orotic aciduria & transcobalamine deficiency

Increased demand: Pregnancy specially last trimester.

Increased Levels

Chronic renal failure, Congestive heart failure, Acute and Chronic Myeloid Leukemia, Polycythemia vera, Carcinomas with liver metastasis, Liver disease, Drug induced cholestasis and Protein malnutrition.

Chronic renal failure, Congestive heart failure, Acute and Chronic Myeloid Leukemia, Polycythemia vera, Carcinomas with liver metastasis, Liver disease, Drug induced cholestasis and Protein malnutrition.

Method:

LANTECHNICIAN

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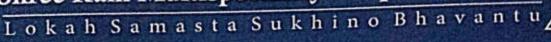
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MR. SATISH KUMAR SONI

Age: 35 YearsSex: Male

Sample Collected At:

Ref. By: Dr. AJIT KUMAR (MD)

UH ID NO. - SRMH - 24111357

Collected: 08 Nov, 24 12:30 PM

Reported: 09 Aug. 24 03:30 PM

Investigation

Value

Unit

Biological Reference Interval

0-4

PSA, Total

1.26

Observed

ng/mL

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Mr. SATISH KUMAR SONI

Sample Collected At :

Age: 35 Years

Ref By: Dr.AJIT KUMAR

Collected: 08-11-2024 03:35PM

Sex:- Male

UH ID NO. - SRMH -24111357

Reported: 09 Nov., 24 12:05PM

GAMAMA GLUTAMYL TRANSFERASE (GGT)

INVESTIGATION

RESULT

REFERENCE VALUE

UNIT

GAMMA - GLUTAMYL TRANSFERASE

14.8

12.00-18.00

U/L

(GGT), SERUM

GENDER	76	NORMAL RANGE(U/L)	
MALE		12.00-18.00	
FEMALE		6.00-29.00	

COMMENTS:-

Gamma – Glutamyl Transferase (Ggt) Is An Enzyme That Is Found In Many Organs Througout The Body, With The Highest Concentrations Found In The Liver .Ggt Is Elevated In The Blood In Most Diseases That Cause Damage To The Liver Or Bile Ducts, This Test Measures The Lavel Of Ggt In A Blood Samle.

DR. DHANANIAY PRASAD

(MD Pathology)

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MR. SATISH KUMAR SONI

Age: 35 Years

Sex: Male , UHID: 24111357

Sample Collected At:

Ref. By: DR. AJIT KUMAR

Collected: 08-11-24 05:15 PM

Reported: 09 Nov.24 10:30 AM

Investigation

Observed Value

Unit

Biological Reference

Interval

25 Hydroxy Vitamin D

29.1

ng/mL

Deficiency: <10 Insufficiency: 10-30

Sufficiency: 30-100 Toxicity: >100

Uses for Vitamin D assay:



Diagnosis of Vitamin D deficiency

Differential Diagnosis of causes of Rickets and Osteomalacia

3. Monitoring Vitamin D replacement therapy

4. Diagnosis of Hypervitaminosis D

STATUS	ng/ml	
Deficiency	<10	
Insufficiency	10 to 30	
Sufficiency	30 to 100	
Toxicity	>100	

Vitamin D is essential for bone health. In children severe deficiency leads to rickets. Milder degrees of insufficiency are believed to cause reduced efficiency in the utilization of dietary calcium. Vitamin D deficiency cause muscle weakness; in elderly, the risk of falling has been attributed to the effect of vitamin D on muscle function. Vitamin D deficiency is a common cause of secondary hyperparathyroidism. Elevated PTH levels, especially in elderly vitamin D deficient adults can result in osteomalacia, increased bone turnover, reduced bone mass and risk of bone fractures. Insufficiency has also been linked to diabetes, different forms of cancer, cardiovascular disease autoimmune diseases and innate immunity.

Parious methods are available for measuring circulating concentrations of 25-OH vitamin D. The studies report reasonable correlation between methods, but with significant differences, the reasons for which are not well understood. Reasons for suboptimal 25-OH – Vit-D levels include lack of sunshine exposure; inadequate intake; malabsorption (eg. due to celiac disease); depressed hepatic vitamin-D, 25 – hydroxytase activity, secondary to advanced liver disease; and enzyme—including drugs, in particular many antiepileptic drugs, including phenytoin, Phenobarbital, and carbamazepine, that increase 25-OH – Vit-D metabolism. Increased levels are seen with prolonged intake of Vit-D, supplement & in renal failure. Vitamin D must be interpreted within the clinical context of each patient.

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Dr D Pracad

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Ref. By: Dr. AJIT KUMAR (MD)

UH ID NO. - SRMH - 24111357

Collected: 08-11-2024 03:30 PM Reported: 08 Nov., 24 05:50 PM

BUN / Creatinine Ratio PANAL

Investigation	Observed Value	Unit	Biological Reference Interval
BUN			1.000
BUN	17.6	mg/dL	7.00 - 20.00
Serum Creatinine	0.91	mg/dL	0.55 - 1.20
BUN / Creatinine Ratio	19.3		10:1 - 20:1

lood urea nitrogen (BUN) is a waste product produced when the liver breaks down protein. The kidneys then filter it out of the blood and eliminate it through urine. Creatinine is a waste product created by the breakdown of phosphocreatine, a molecule stored in muscle tissue. The kidneys filter creatinine from the blood, and its levels in the body reflect the efficiency of the kidney's excretory function, therefore, BUN and creatinine are useful markers in assessing kidney health because they help doctors evaluate the kidney's filtration rate.

*****END OF REPORT******

Dr. D. Prasad M.D.(Pathologist)

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08-11-2024 COLLECTION : 08-Nov-2024 REPORTING

		CLINICAL PATHOL	.OGY	
TEST NAME		RESULT	UNIT	NORMAL VALUES
	UR	INE ROUTINE AND MIC	ROSCOPY	
	PHYSICAL EXAMINATION			
	QUANTITY	20	ml	•
	COLOUR	Yellow		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	ON		
	PUS CELLS	2-4	/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 -

ECHNICIAN

BACTERIA OTHERS

Note: This Report is not for medicolegal purpose

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Department of Radiology

NAME -; MR.SATISH KUMAR SONI AGE - 35YEAR /MALE

REF.BY -; SHREE RAM MULTI SPECIALITY HOSPITAL DATE - 08/11/2024

X - RAY CHEST PA VIEW.

- > Trachea and medilastinum are centrally placed.
- Hilar shadow appears normal.
- Both lungs field shows consolidation.
- > Both C.P. Angle normal .
- Cardiac shadow is normal.

Impression

· No significant abnormality is seen.





Arcofemi Healthcare Pvt Ltd

(Formerly known as Arcofemi Healthcare Ltd) F-701A, Lado Sarai, Mehrauli, New Delhi - 110030 Email: wellness@mediwheel.in, Website: www.mediwheel.in

Tel: +91-11-41195959, Fax: +91-11-29523020

CIN: U24240DL2011PTC216307

MEDICAL FITNESS CERTIFICATE

(To be signed by a registered medical practitioner holding a Medical degree)

This is to certify that <u>Mr.Satish Kumar Soni</u> aged, <u>35yr</u>. Based on the examination, I certify that he is in good dental and physical health and it is free from any physical defects such as deafness, color blindness, and any chronic or contagious diseases.

Place: Raipur

Date: 08/11/2024

Medical officer