



# JEEVAN KAMNA Hospital & Maternity Centre

DEPARTMENT OF LABORATORY SERVICES

a passion for healing...

Committed to Accurate, Error Free, Timely & Cost Effective Reports

Zoromille, Barliya Road, Infront of Bullet Service Centre, Muzaffarpur



Date :- 13/07/2021

Srl No :- 01

Name :- MR SHASHISH RAJ

Age :- 34 Yrs.

Sex :- M

Ref. By:- JEEVAN KAMNA HOSPITAL

## HAEMATOLOGY

### COMPLETE BLOOD COUNT WITH ESR (CBC)

INVESTIGATION REQUESTED	FINDING	UNITS	NORMAL RANGE
HAEMOGLOBIN (Hb) (Haemolysis may give altered result)	14.9	gm/dl	12 - 16
TLC (Total Leucocyte Count)	6200	Cells/Cumm	4000-11000
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHILS	48	%	40 - 70
LYMPHOCYTES	35	%	20 - 40
EOSINOPHILS	16	%	1 - 6
MONOCYTES	01	%	2 - 10
BASOPHILS	00	%	0 - 1
E.S.R (Westergren Method)	15	mm/1st hr.	0.00- 20
RBC (Red Blood Cell Count)	4.9	Millions/cmm	3.5 - 5.5
Hct (Haematocrit)	42.4	%	40 - 45
M C V (Mean Corp Volume)	85.7	fL	80.0 - 99.9
M C H (Mean Corp Hb)	30.1	pg	27.0 - 31.0
M C H C (Mean Corp Hb Conc)	35.1	g/DL	33.0 - 37.0
PLATELET COUNT	1.41	Lakhs/c.mm	1.5 - 4.5

CHECKED BY

DR. SATYA NARAYAN

M.B.B.S

DR. SYED IQBAL

M.B.B.S

Examined by



FULLY COMPUTERISED PATHOLOGICAL LAB WITH AUTOMATED MACHINES.

If the results are unexpected or alarming. The doctor is advised to contact lab for clarification with fresh Sample free of cost.

Note : This is a pathological interpretation. All investigations have limitations dependent on quality of specimen and individual assay procedures. An isolated, laboratory assay never confirms the final diagnosis of the disease.

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## HAEMATOLOGY

<u>Test Name</u>	<u>Value</u>	<u>Unit</u>	<u>Reference Value</u>
ABO	B		
Rh	POSITIVE		

## BIOCHEMISTRY

BLOOD GLUCOSE FASTING	84	mg/dl	60 -110
BLOOD GLUCOSE PP	116	mg/dl	70-140

PLEASE NOTE:- The values are provided as a guidance for the medical professional only. The values will vary from one Laboratory to another. Laboratory values depends on the age, sex and time of collection the sample and may vary accordingly. Laboratory reports should not be interpreted in isolation. They should always be correlated with clinical findings and other medical reports

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## BIOCHEMISTRY LIVER FUNCTION TEST (LFT)

<u>Test Name</u>	<u>Value</u>	<u>Unit</u>	<u>Reference Value</u>
SERUM BILIRUBIN (Total)	0.8	mg/dl	up to 1.0
BILIRUBIN (Dir.)	0.48	mg/dl	up to 0.2
BILIRUBIN (Ind.)	0.32	mg/dl	up to 0.8
SGOT/AST	26.4	U/L	up to 38
SGPT/ALT	34.6	U/L	up to 40
ALKALINE PHOSPHATASE	116	IU/L	65-306
TOTAL PROTEIN	7.4	gm/dl	6.0-8.0
ALBUMIN	4.2	gm/dl	3.5-5.5
GLOBULIN	3.2	gm/dl	2.8-5.6

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## RENAL PROFILE (KFT)

Test Name	Value	Unit	Reference Value
BLOOD UREA	30.4	mg/dl	20-35
SERUM CREATININE	1.0	mg/dl	0.4-1.4
BUN	14.1	mg/dl	10-20
SODIUM	138.4	meq/L	135-155
POTASSIUM	4.2	meq/L	3.5-5.5
CHLORIDE	101	meq/L	98-106
CALCIUM	9.6	mg/dl	8.4-10.4
PHOSPHORUS	4.2	mg/dl	2.5-4.5
SERUM URIC ACID	5.4	mg/dl	Male: 3.5 – 7.2 Females 2.5 – 6.2

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### LIPID PROFILE

Test Name	Value	Unit	Reference Value
TOTAL CHOLESTEROL	112	mg/dl	Children<150mg/dl Adults:-150-240mg/dl Old people:-180-330g/dl
SERUM TRIGLYCERIDES	72	mg/dl	Male :- 40-240 Female :- 30-190
HDL CHOLESTEROL	44.4	mg/dl	30-65
VLDL	14.4	mg/dl	04-56
LDL CHOLESTEROL	53.2	mg/dl	50-150
TOTAL CHOLESTEROL/HDL RATIO	2.5		0.00-4.9
LDL/HDL CHOLESTEROL RATIO	1.1		0.00-3.5

### INTERPRETATION

#### RISK FACTOR OF CORONARY HEART DISEASE

1. Cigarette smoking
2. Age (\*Male 45 yrs or more \* Female : 55 yrs or more)
3. Low HDL (<35 mg/dl)
4. Hypertension (B.P> 140/90 or on anti-hypertensive)
5. Family history of premature heart disease
  - \* in 1<sup>st</sup> a degree male relative under age 55 yrs.
  - \* in 1<sup>st</sup> a degree female relative under age 65 yrs.

- Quality controlled report with external quality assurance

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### STOOL EXAMINATION REPORT

#### PHYSICAL EXAMINATION

COLOUR/APPEARANCE	L.BROWN
CONSISTENCY	SEMI FORMED
PUS	NIL
MUCUS	NIL
BLOOD	NIL
REACTION	ACIDIC

#### PROTOZOA CYST/ TROPHOZOITE

E. HISTOLYTICA	NOT FOUND
GIARDIA LAMBILA	PRESENT(+)
E. COLI	NOT FOUND
OTHERS	NOT FOUND

#### HELMINTHS (OVUM)

A. LUMBRICOIDES	NOT FOUND
A. DUODENALE	NOT FOUND
H. NANA	PRESENT(+)
TRICHURIS TRICHURA	NOT FOUND

#### MICROSCOPIC EXAMINATION

PUS CELLS	0-1	/HPF
RBC'S	NIL	/HPF
MACROPHAGE	NIL	
CYSTS	NIL	
OTHERS	NIL	

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## URINE EXAMINATION REPORT

### PHYSICAL EXAMINATION

Quantity : About 10 ml.	Appearance : CLEAR	Colour: P.YELLOW
Sediment : NIL	Specific Gravity : QNS	

### CHEMICAL EXAMINATION

Ph : 06	* Bile Salts	* Ie Test
Sugar : NIL	* Bile Pigments	* B.J. Protein
Albumin : NIL	* Urobilinogen	* Porphobilinogen
Phosphates : NIL	* Blood Pigments	* Urates
	* Acetone Bodies	

### MICROSCOPIC EXAMINATION

Erythrocytes : NIL	<b>Casts</b>	<b>Crystals</b>
Pus Cells : 2-3 /HPF	Granular : NIL/HPF	Calcium Oxalate : NIL
Epith Cells : 2-3 /HPF	Hyaline : NIL/HPF	Amor. Phosphate : NIL
	Fatty Cast : NIL/HPF	Amor. Urates : NIL
	Others : NIL/HPF	Triple Phosphate : NIL

Note : \* Done When Special asked for

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