

Date :- 26/12/2021

Srl No :- 02

Name :- MRS REKHA

Age :- 29 Yrs. Sex :- F

Ref. By :- JEEVAN KAMNA HOSPITAL & MATERNITY CENTRE

### HAEMATOLOGY

#### COMPLETE BLOOD COUNT WITH ESR (CBC)

INVESTIGATION REQUESTED	FINDING	UNITS	NORMAL RANGE
HAEMOGLOBIN (Hb) (Haemolysis may give altered result)	11.2	gm/dl	12 - 16
TLC (Total Leucocyte Count)	11,400	Cells/Cumm	4000-11000
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHILS	75	%	40 - 70
LYMPHOCYTES	20	%	20 - 40
EOSINOPHILS	04	%	1 - 6
MONOCYTES	01	%	2 - 10
BASOPHILS	00	%	0 - 1
E.S.R (Westergren Method)	22	mm/1st hr.	0.00- 20
RBC (Red Blood Cell Count)	3.7	Millions/cmm	3.5 - 5.5
Hct (Haematocrit)	33.6	%	40 - 45
M C V (Mean Corp Volume)	86.6	fL	80.0 - 99.9
M C H (Mean Corp Hb)	31.2	pg	27.0 - 31.0
M C H C (Mean Corp Hb Conc)	33.3	g/DL	33.0 - 37.0
PLATELET COUNT	1.92	Lakhs/c.mm	1.5 - 4.5

CHECKED BY

DR. SATYA NARAYAN

M.B.B.S

DR. SYED IQBAL

M.B.B.S

Examiner/Consultant







# JEEVAN KAMNA Hospital & Maternity Centre

## DEPARTMENT OF LABORATORY SERVICES



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Zeronda, Satya Road, in front of Suleet Service Centre, Muradshahpur

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### HAEMATOLOGY

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

### BIOCHEMISTRY

BLOOD GLUCOSE FASTING	113	mg/dl	60 -110
BLOOD GLUCOSE PP	153	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

CHECKED BY **DR. SATYA NARAYAN**  
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Zerona, Baniya Road, In front of Bulla Service Centre, Muradpur

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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	29.4	U/L	up to 38
SGPT/ALT	36.6	U/L	up to 40
ALKALINE PHOSPHATASE	111	IU/L	20-120
TOTAL PROTEIN	7.0	gm/dl	6.0-8.0
ALBUMIN	4.0	gm/dl	3.5-5.5
GLOBULIN	3.0	gm/dl	2.8-5.6

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COMPUTERISED PATHOLOGICAL LAB WITH AUTOMATED MACHINES

If any results are unexpected or alarming, The doctor is advised to contact the doctor for further information.



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### RENAL PROFILE (KFT)

<u>Test Name</u>	<u>Value</u>	<u>Unit</u>	<u>Reference Value</u>
BLOOD UREA	29.4	mg/dl	20-35
SERUM CREATININE	0.8	mg/dl	0.4-1.4
BUN	13.7	mg/dl	10-20
CALCIUM	9.0	mg/dl	8.4-10.4
PHOSPHORUS	3.9	mg/dl	2.5-4.5
SERUM URIC ACID	5.8	mg/dl	Male: 3.5 - 7.2 Females 2.5 - 6.2

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If you find any error in the report, please contact the laboratory immediately. The doctor will be notified and the report will be rechecked.



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Zerona, Baniya Road, Infront of Bullet Service Centre, Muzaffarpur

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### LIPID PROFILE

<u>Test Name</u>	<u>Value</u>	<u>Unit</u>	<u>Reference Value</u>
TOTAL CHOLESTEROL	374	mg/dl	Children < 150 mg/dl Adults :- 150-240 mg/dl Old people :- 180-330 mg/dl
SERUM TRIGLYCERIDES	278	mg/dl	Male :- 40-240 Female :- 30-190
HDL CHOLESTEROL	36.4	mg/dl	30-65
VLDL	55.6	mg/dl	04-56
LDL CHOLESTEROL	282.0	mg/dl	50-150
TOTAL CHOLESTEROL/HDL RATIO	10.2		0.00-4.9
LDL/HDL CHOLESTEROL RATIO	7.7		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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If any test are detected or alarming. The doctor advise the patient to take further action with their doctor.



