



JEEVAN KAMNA Hospital & Maternity Centre

DEPARTMENT OF LABORATORY SERVICES

a passion for healing....



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

Zeromile, Bariya Road, Infront of Bullet Service Centre, Muzaffarpur

Date :- 12/12/2021
Name :- MR RANAJAN PRAVEEN KUMAR
Ref. By:-JEEVAN KAMNA HOSPITAL & MATERNITY CENTRE
Srl No :- 01
Age :- 35 Yrs. Sex :- M

HAEMATOLOGY

COMPLETE BLOOD COUNT WITH ESR (CBC)

INVESTIGATION REQUESTED	FINDING	UNITS	NORMAL RANGE
HAEMOGLOBIN (Hb) (Haemolysis may give altered result)	11.8	gm/dl	12 - 16
TLC (Total Leucocyte Count)	10,800	Cells/Cumm	4000-11000
DIFFERENTIAL LEUCOCYTE COUNT:			
NEUTROPHILS	67	%	40 - 70
LYMPHOCYTES	24	%	20 - 40
EOSINOPHILS	07	%	1 - 6
MONOCYTES	02	%	2 - 10
BASOPHILS	00	%	0 - 1
E.S.R (Westergren Method)	18	mm/1st hr.	0.00- 20
RBC (Red Blood Cell Count)	3.9	Millions/cmm	3.5 - 5.5
Hct (Haematocrit)	35.4	%	40 - 45
M C V (Mean Corp Volume)	90.7	fL	80.0 - 99.9
M C H (Mean Corp Hb)	30.4	pg	27.0 - 31.0
M C H C (Mean Corp Hb Conc)	33.3	g/DL	33.0 - 37.0
PLATELET COUNT	1.82	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



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 within five days.

Note: This is a pathological interpretation. All investigations have limitations dependent on quality of specimen and individual assay procedures. An isolated laboratory result does not constitute a diagnosis.



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STOOL EXAMINATION REPORT

PHYSICAL EXAMINATION

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

PROTOZOA CYST/ TROPHOZOITE

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

HELMINTHS (OVUM)

A. LUMBRICOIDES	NOT FOUND
A. DUODENALE	NOT FOUND
H. NANA	NOT FOUND
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	* le Test
Sugar : NIL	* Bile Pigments	* B.J. Protein
Albumin : NIL	* Urobilinogen	* Porphobilinogen
Phosphates : NIL	* Blood Pigments	* Urates
	* Acetone Bodies	

MICROSCOPIC EXAMINATION

Erythrocytes : NIL	Casts	Crystals
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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LIPID PROFILE

<u>Test Name</u>	<u>Value</u>	<u>Unit</u>	<u>Reference Value</u>
TOTAL CHOLESTEROL	333	mg/dl	Children<150mg/dl Adults:-150-240mg/dl Old people:-180-330g/dl
SERUM TRIGLYCERIDES	219	mg/dl	Male :- 40-240 Female :- 30-190
HDL CHOLESTEROL	38.0	mg/dl	30-65
VLDL	43.8	mg/dl	04-56
LDL CHOLESTEROL	251.2	mg/dl	50-150
TOTAL CHOLESTEROL/HDL RATIO	8.7		0.00-4.9
LDL/HDL CHOLESTEROL RATIO	6.6		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 1st a degree male relative under age 55 yrs.
 - * in 1st a degree female relative under age 65 yrs.

- Quality controlled report with external quality assurance

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RENAL PROFILE (KFT)

<u>Test Name</u>	<u>Value</u>	<u>Unit</u>	<u>Reference Value</u>
BLOOD UREA	33.4	mg/dl	20-35
SERUM CREATININE	1.2	mg/dl	0.4-1.4
BUN	15.5	mg/dl	10-20
CALCIUM	9.8	mg/dl	8.4-10.4
PHOSPHORUS	4.4	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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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	27.4	U/L	up to 38
SGPT/ALT	36.4	U/L	up to 40
ALKALINE PHOSPHATASE	118	IU/L	20-120
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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