

New

Reg. No 815

PARASHAR

MULTI SUPER SPECIALITY HOSPITAL, TRAUMA & MATERNITY CENTER

MURLI MANOHAR COMPLEX, KHADI BHANDAR
(NEAR OF MITHANPURA THANA), MUZAFFARPUR

Mob. : 7717798029
7070912086



Date :- 07/09/2024
Name :- MR RAUSHAN KUMAR JHA
Ref. BY :- NEW PARASHAR HOSPITAL
Srl NO :- 01
Age :- 33 Yrs Sex :- M

HAEMATOLOGY

COMPLETE BLOOD COUNT (CBC) WITH ESR

INVESTIGATION REQUESTED	FINDING	UNITS	NORMAL RANGE
HAEMOGLOBIN (Hb)	15.0	gm/dl	12 - 16
TLC (Total Leucocyte Count)	10400	Cells/Cumm	4000 - 11000
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHILS	66	%	40 - 70
LYMPHOCYTES	24	%	20 - 40
EOSINOPHILS	07	%	1 - 6
MONOCYTES	03	%	2 - 10
BASOPHILS	00	%	0 - 1
E.S.R (Westergren Method)	71	mm/1st hr.	0.00 - 20
RBC (Red Blood Cell Count)	5.1	Millions/cmm	3.5 - 5.5
Hct (Haematocrit)	45.4	%	40 - 45
M C V (Mean Corp Volume)	89.2	fL	80.0 - 99.9
M C H (Mean Corp Hb)	30.0	pg	27.0 - 31.0
M C H C (Mean Corp Hb Conc)	33.2	g/DL	33.0 - 37.0
PLATELET COUNT	1.94	Lakhs/c.mm	1.5 - 4.5

Dr. Shahbaz Alam

BMLT, M.Sc., MLT
Ph.D.(Microbiology)
Reg. No. Dep/02-04244

Dr. Md. Parwez

Pathologist, M.B.B.S.
Reg. No. : 17015

Dr. Satya Narayan

Pathologist, M.B.B.S.
Reg. No. : 12034 (Bihar)

Examiner/Consultant



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BIOCHEMISTRY

LIVER FUNCTION TEST (LFT)

<u>Test Name</u> <u>Value</u>	<u>Value</u>	<u>Unit</u>	<u>Reference</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	38.4	U/L	up to 38
SGPT/ALT	46.6	U/L	up to 40
ALKALINE PHOSPHATASE	118	IU/L	25-147
TOTAL PROTEIN	7.0	gm/dl	6.3-8.5
ALBUMIN	4.0	gm/dl	3.5-5.5
GLOBULIN	3.0	gm/dl	2.8-5.6

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RENAL PROFILE (KFT)

<u>Test Name</u>	<u>Value</u>	<u>Unit</u>	<u>Reference Value</u>
BLOOD UREA	27.4	mg/dl	20-35
SERUM CREATININE	0.8	mg/dl	0.4-1.4
BUN	12.8	mg/dl	10-20
S.SODIUM (NA+)	138.4	meq/l	137-147
S.POTASSIUM (K+)	4.2	meq/l	3.5-5.0
S.CHLORIDE (CL)	102	meq/l	98-105
CALCIUM	9.4	mg/dl	8.4-10.4
PHOSPHORUS	4.0	mg/dl	2.5-4.5
SERUM URIC ACID	6.5	mg/dl	Male: 3.5 - 7.2 Females 2.5 - 6.2

This is only a professional opinion, not the diagnosis.
Please correlate with clinical conditions and drug history.
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24/7
HOURS
EMERGENCY
SERVICE

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LIPID PROFILE

Test Name	Value	Unit	Reference Value
SERUM CHOLESTEROL	264	mg/dl	125-200
SERUM TRIGLYCERIDES	178	mg/dl	25-200
HDL CHOLESTEROL	38.8	mg/dl	30-65
VLDL	35.4	mg/dl	0.00-40
LDL CHOLESTEROL	189.4	mg/dl	50-150
TOTAL CHOLESTEROL/HDL RATIO	6.9		0.00-4.9
LDL/HDL CHOLESTEROL RATIO	4.9		0.00-3.5

Quality controlled report with external quality assurance

COMMENT :

Test results are created by fully/semi automated equipments.
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URINE EXAMINATION REPORT

PHYSICAL EXAMINATION

Quantity : About 14 ml. Appearance : CLEAR Colour: L. YELLOW
Sediment : NIL Specific Gravity : QNS

CHEMICAL EXAMINATION

Ph : 06
Sugar : NIL
Albumin : NIL
Phosphates : NIL

* Bile Salts
* Bile Pigments
* Urobilinogen
* Blood Pigments
* Acetone Bodies

* Ie Test
* B.J. Protein
* Porphobilinogen
* Urates

MICROSCOPIC EXAMINATION

Erythrocytes : NIL

Pus Cells : 2-3 /HPF

Epith Cells : 0-1 /HPF

Casts

Granular : NIL/HPF

Hyaline : 1-2/HPF

Fatty Cast : NIL/HPF

Others : NIL/HPF

Crystals

Calcium Oxalate : NIL

Amor. Phosphate : NIL

Amor. Urates : NIL

Triple Phosphate : NIL

Note : * Done When Special asked for

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REPORT

Patient Name	: Mr. RAUSHAN KUMAR JHA	Reg. No.	: 00772409100113
Age and Sex	: 34 Yrs / Male	PCC Code	: PCL-BH-256
Referring Doctor	: Self	Sample Drawn Date	: 10-Sep-2024 03:36 AM
Referring Customer	: N/A	Registration Date	: 10-Sep-2024 03:36 PM
Vial ID	: R1336246	Report Date	: 10-Sep-2024 06:25 PM
Sample Type	: WB-EDTA	Report Status	: Final Report
Client Address	: Naushad Alam Ansari Juran Chapra Near Central Bank		

CLINICAL BIOCHEMISTRY

Test Name	Obtained Value	Units	Bio. Ref. Intervals (Age/Gender specific)	Method
*Glycosylated Hemoglobin(GHb/HbA1c)	5.78	%	<5.7 Non diabetic, 5.7 – 6.4 Borderline diabetic, >6.5,Diabetic.	High-performance liquid chromatography
*Glycosylated Hemoglobin	39.67	mmol/mol		Calculated
*Mean Blood Glucose	119.19	mg/dL	90 - 120 : Excellent Control 121 - 150 : Good Control 151 - 180 : Average Control 181 - 210 : Action Suggested >211 :Panic Value	Calculated

Comments:

- HbA1c is an indicator of glycemic control. HbA1c represents average Glycemia over the past six to eight weeks. Glycation of Hemoglobin occurs over the entire 120 day life span of the Red Blood Cell, but within this 120 days. Clinical studies suggest that a patient in stable control will have 50% of their HbA1c formed in the month before sampling, 25% in the month before that, and the remaining 25% in months two to four.
- Mean Plasma Glucose mg/dL = $28.7 \times A1C - 46.7$. Correlation between HbA1c and Mean Plasma Glucose (MPG) is not "perfect" but rather only this means that to predict or estimate average glucose from HbA1c or vice-versa is not "perfect" but gives a good working ballpark estimate.
- Afternoon and evening results correlate more closely to HbA1c than morning results, perhaps because morning fasting glucose levels vary much more than daytime Glucose levels, which are easier to predict and control. As per IFCC recommendations 2007, HbA1c being reported as above maintaining traceability to both IFCC (mmol/mol) & NGSP (%) units.
- Reference: ADA (American Diabetic Association) Guidelines 2023.

*** End Of Report ***



Abhilasha
Dr. Abhilasha
MD-Pathology

REPORT

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Age and Sex	: 34 Yrs / Male	PCC Code	: PCL-BH-256
Referring Doctor	: Self	Sample Drawn Date	: 10-Sep-2024 03:36 AM
Referring Customer	: N/A	Registration Date	: 10-Sep-2024 03:36 PM
Vial ID	: R1336245	Report Date	: 10-Sep-2024 05:48 PM
Sample Type	: Serum	Report Status	: Final Report
Client Address	: Naushad Alam Ansari Juran Chapra Near Central Bank		

CLINICAL BIOCHEMISTRY

Test Name	Obtained Value	Units	Bio. Ref. Intervals (Age/Gender specific)	Method
Thyroid Profile I				
Tri-Iodothyronine Total (TT3)	166	ng/dL	70-204	CMIA
Thyroxine - Total (TT4)	9.93	µg/dL	4.6-10.5	CMIA
Thyroid Stimulating Hormone (TSH)	1.79	µIU/mL	0.4-4.2	CMIA

Pregnancy			
	TSH(µIU/mL)	TT3(ng/dL)	TT4(µg/dL)
1 Trimester	0.10-2.50	89.9-196.6	4.4-11.5
2 Trimester	0.2-3.00	86.1-217.4	4.9-12.2
3 Trimester	0.3-3.00	79.9-186	5.1-13.2

Interpretation:

- Assay results should be interpreted in context to the clinical condition and associated results of other investigations.
- Previous treatment with corticosteroid therapy may result in lower TSH levels while Thyroid hormone levels are normal.
- Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test.
- Abnormal thyroid test findings often found in critically ill clients should be repeated after the critical nature of the condition is resolved.
- The production, circulation, and disposal of Thyroid hormone are altered throughout the stages of pregnancy.
- **Hyperthyroidism (overactive thyroid):**
Hyperthyroidism (overactive Thyroid) occurs when your thyroid gland produces too much of the hormone Thyroxine. Hyperthyroidism can accelerate your body's metabolism, causing unintentional weight loss and a rapid or irregular heartbeat.
- **Hypothyroidism (underactive thyroid):**
Hypothyroidism (underactive thyroid) is a condition in which your Thyroid gland doesn't produce enough of certain crucial hormones. Hypothyroidism may not cause noticeable symptoms in the early stages. Over time, untreated Hypothyroidism can cause a number of health problems, such as obesity, joint pain, infertility and heart disease.

Correlate Clinically.

*** End Of Report ***



Abhilasha
Dr. Abhilasha
MD-Pathology

Note: If the test results are alarming or unexpected, Client is advised to contact the laboratory immediately for possible remedial action.
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