

Name : Mrs. PREETI CHOUDHARY
Bill No. : MCB48240907795

Age /Sex : 36Y Y(s)/FEMALE
UMR No. : 482409002338

LABORATORY REPORT : BIOCHEMISTRY

Parameters	Result	Reference Range	Units
BUN(BLOOD UREA NITROGEN)			
(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923195)			
BLOOD UREA <i>Urease kinetic</i>	19	16.6 - 48.5	mg/dL
BUN (Blood Urea Nitrogen.)	8.87		
SERUM URIC ACID			
(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923200)			
SERUM URIC ACID <i>uricase</i>	5.0	2.4-5.7	mg/dL
LFT(LIVER FUNCTION TEST)			
(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923201)			
TOTAL BILIRUBIN <i>DIAZO</i>	0.4	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.1	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.3	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	24	<=33	U/L
SGOT (AST) <i>UV without P5P</i>	20	<= 32	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	112 *	35 - 105	U/L
TOTAL PROTEINS <i>Biuret method</i>	7.6	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	4.5	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	3.1	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.5	1.2 - 2.5	

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T3,T4 AND TSH

(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923202)

T3 ECLIA	0.78 *	0.8 - 2.0	ng/mL
T4 ECLIA	4.48 *	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	6.81 *	0.270 - 4.20	uIU/mL

BUN / CREATININE RATIO

(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923203)

BUN / CREATININE RATIO CALCULATED	12.68	10-20 mg/dL	mg/dL
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SERUM CREATININE

(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923204)

CREATININE Jaffe	0.7	0.5 - 0.9	mg/dL
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FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)

(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923205)

FASTING BLOOD GLUCOSE Hexokinase	98	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
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LIPID PROFILE

(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923206)

TOTAL CHOLESTEROL Enzymatic colorimetric	179	Desirable : : < 200 mg/dL Borderline High : : 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL Homogeneous enzymatic colorimetric	51	Low : : < 40 mg/dL High : : > 60 mg/dL	mg/dL
LDL CHOLESTEROL Direct-Enzymatic colorimetric	106 *	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL Borderline High:130-159 mg/dl	mg/dL

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VLDL <i>Calculation</i>	16	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	79	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
CHO/HDL RATIO <i>Calculation</i>	3.51 *	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO	2.08		

HBA1C (GLYCOSYLATED HAEMOGLOBIN)

(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923207)

HBA1C <i>HPLC</i>	5.4	" Normal : <= 5.6% Pre diabetic : 5.7 % - 6.4 % Diabetic : >= 6.5 %
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Md. Simi Iqbal

DR. MOHAMMAD SIMI IQBAL
M.B.B.S, M.D CONSULTANT
BIOCHEMIST

DRAFT

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LABORATORY REPORT : BLOOD BANK

Parameters	Result	Reference Range	Units
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BLOOD GROUPING AND RH

(**Bill Date** : 14-Sep-2024 09:52 AM **Result ID** : RU4240923198)

BLOOD GROUP
Automated microcolumn gel method

"AB"

RH TYPE

POSITIVE

INTERPRETATION

1. If Rh is Du positive it is best considered as Rh negative as recipient and Rh positive as donor. Proper Cross matching is recommended before transfusion.
2. In case of forward and reverse grouping discrepancy, clinical correlation and repeat sample analysis is recommended.
3. For Infants below 6 months only forward grouping is performed.
4. A sub-grouping is recommended after the age of 6 months.

M. Muduganti

Dr. MUDUGANTI SRINIVAS
MBBS, M.D. CONSULTANT
PATHOLOGIST

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LABORATORY REPORT : HAEMATOLOGY

Parameters	Result	Reference Range	Units
CBP(COMPLETE BLOOD PICTURE)			
(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923196)			
HEMOGLOBIN <i>Photometric</i>	12.4	12.0 - 15.0 gms/dL	gms/dL
R B C COUNT <i>Electrical Impedance</i>	4.26	3.8 - 4.8 10 ¹² /L	10 ¹² /L
PCV/HCT <i>Calculated</i>	36.2	36 - 46	%
MCV <i>Calculated</i>	85	83 - 101	fl
MCH <i>Calculated</i>	29	27 - 32	pg
MCHC <i>Calculated</i>	34	31 - 37	g/dL
RDW(cv)	15.5 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	4.71	4.0 - 11.0	10 ³ /μl
NEUTROPHILS <i>DHSS/Microscopy</i>	48	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	42 *	20 - 40 %	
MONOCYTES <i>DHSS/Microscopy</i>	08	02 - 10 %	
EOSINOPHILS <i>DHSS/Microscopy</i>	02	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
PLATELET COUNT <i>Electrical Impedance</i>	204	150 - 400 10 ³ /μL	10 ³ /μL

ESR

(Bill Date : 14-Sep-2024 09:52 AM Result ID : RU4240923197)

ESR
MODIFIED WESTERGRENS METHOD 08 0 - 20 mm/1st hour

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