

Name : Mr. GHANSHYAM DHAYAL
Bill No. : MCB48240907786

Age /Sex : 35Y Y(s)/MALE
UMR No. : 482409002336

LABORATORY REPORT : BIOCHEMISTRY

Parameters	Result	Reference Range	Units
SERUM URIC ACID			
(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923228)			
SERUM URIC ACID <i>uricase</i>	6.8	3.4-7.0	mg/dL
LFT(LIVER FUNCTION TEST)			
(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923229)			
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>	26	<=41	U/L
SGOT (AST) <i>UV without P5P</i>	57 *	<=40	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	93	40-129 U/L	U/L
TOTAL PROTEINS <i>Biuret method</i>	8.3 *	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	4.9	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	3.5	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.4	1.2 - 2.5	
T3,T4 AND TSH			
(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923230)			
T3 <i>ECLIA</i>	0.90	0.8 - 2.0	ng/mL
T4 <i>ECLIA</i>	5.24	5.1 - 14.1	ug/dL

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TSH(THYROID STIMULATING HORMONE) 2.14 0.270 - 4.20 uIU/mL
ECLIA

BUN(BLOOD UREA NITROGEN)

(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923231)

BLOOD UREA 21 16.6 - 48.5 mg/dL
Urease kinetic

BUN (Blood Urea Nitrogen.) 9.81

HBA1C (GLYCOSYLATED HAEMOGLOBIN)

(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923232)

HBA1C 5.3
HPLC
 " Normal : <= 5.6%
 Pre diabetic : 5.7 % - 6.4 %
 Diabetic : >= 6.5 %

LIPID PROFILE

(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923233)

TOTAL CHOLESTEROL 227 * Desirable :: < 200 mg/dL mg/dL
Enzymatic colorimetric Borderline High :: 200 - 239 mg/dL

HDL CHOLESTEROL 51 Low :: < 40 mg/dL mg/dL
Homogeneous enzymatic colorimetric High :: > 60 mg/dL

LDL CHOLESTEROL 154 * Very High : - > 190 mg/dL mg/dL
Direct-Enzymatic colorimetric Optimal : - < 100 mg/dL
 Near Optimal : 100 - 129 mg/dL
 High : 160 - 189 mg/dL
 Borderline High:130-159 mg/dl

VLDL 22 2 - 30 mg/dL mg/dL
Calculation

SERUM TRYGLYCERIDES 109 < 150 mg/dL mg/dL
Enzymatic colorimetric Borderline High : 150 - 199 mg/dL
 High : 200 - 499 mg/dL

CHO/HDL RATIO 4.45 * Normal : - < 3.5
Calculation High Risk : - > 5.0

LDL/HDL RATIO 3.02

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FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)

(**Bill Date** : 14-Sep-2024 09:49 AM **Result ID** : RU4240923234)

FASTING BLOOD GLUCOSE **101 *** Normal Range : 70 - 99 mg/dL
Hexokinase Impaired Glucose tolerance : 100 -125
Diabetes Mellitus : >=126

SERUM CREATININE

(**Bill Date** : 14-Sep-2024 09:49 AM **Result ID** : RU4240923235)

CREATININE **0.7** 0.7 - 1.2 mg/dL
Jaffe

BUN / CREATININE RATIO

(**Bill Date** : 14-Sep-2024 09:49 AM **Result ID** : RU4240923236)

BUN / CREATININE RATIO **14.01** 10-20 mg/dL mg/dL
CALCULATED

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 09:49 AM **Result ID** : RU4240923226)

BLOOD GROUP <i>Automated microcolumn gel method</i>	"A"
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RH TYPE	POSITIVE
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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

DRAFT

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LABORATORY REPORT : HAEMATOLOGY

Parameters	Result	Reference Range	Units
CBP(COMPLETE BLOOD PICTURE)			
(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923224)			
HEMOGLOBIN <i>Photometric</i>	14.5	13.0 - 17.0 gms/dL	gms/dL
R B C COUNT <i>Electrical Impedance</i>	4.50	4.5 - 5.5 10 ¹² /L	10 ¹² /L
PCV/HCT <i>Calculated</i>	41.9	40 - 50	%
MCV <i>Calculated</i>	93.2	83 - 101	fl
MCH <i>Calculated</i>	32.2 *	27 - 32	pg
MCHC <i>Calculated</i>	34.6	31 - 37	g/dL
RDW(cv)	14.1 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	6.56	4.0 - 11.0	10 ³ /μl
NEUTROPHILS <i>DHSS/Microscopy</i>	48	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	38	20 - 40 %	
MONOCYTES <i>DHSS/Microscopy</i>	05	02 - 10 %	
EOSINOPHILS <i>DHSS/Microscopy</i>	09 *	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
PLATELET COUNT <i>Electrical Impedance</i>	231	150 - 400 10 ³ /μL	10 ³ /μL

ESR

(Bill Date : 14-Sep-2024 09:49 AM Result ID : RU4240923225)

ESR **18 *** 0 - 10 mm/1st hour
MODIFIED WESTERGRENS METHOD

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