

Name : Mr. JAGDEESH KUMAR
Bill No. : MCB48240805816

Age /Sex : 39Y Y(s)/MALE
UMR No. : 482408001689

LABORATORY REPORT : BIOCHEMISTRY

Parameters	Result	Reference Range	Units
HBA1C (GLYCOSYLATED HAEMOGLOBIN)			
(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818793)			
HBA1C <i>HPLC</i>	5.5	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
SERUM URIC ACID			
(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818794)			
SERUM URIC ACID <i>uricase</i>	6.4	3.4-7.0	mg/dL
LFT(LIVER FUNCTION TEST)			
(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818795)			
TOTAL BILIRUBIN <i>DIAZO</i>	0.8	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.3 *	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.5	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	40	<=41	U/L
SGOT (AST) <i>UV without P5P</i>	24	<=40	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	77	40-129 U/L	U/L
TOTAL PROTEINS <i>Biuret method</i>	8.2 *	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	5.2	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	3.0	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.8	1.2 - 2.5	

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T3,T4 AND TSH

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818796)

T3 ECLIA	1.19	0.8 - 2.0	ng/mL
T4 ECLIA	7.98	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	1.06	0.270 - 4.20	uIU/mL

BUN / CREATININE RATIO

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818797)

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

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818798)

CREATININE Jaffe	1.0	0.7 - 1.2	mg/dL
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FBS (FASTING BLOOD GLUCOSE)

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818799)

FASTING BLOOD GLUCOSE Hexokinase	92	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
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LIPID PROFILE

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818800)

TOTAL CHOLESTEROL Enzymatic colorimetric	185	Desirable : : < 200 mg/dL Borderline High : : 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL Homogeneous enzymatic colorimetric	32	Low : : < 40 mg/dL High : : > 60 mg/dL	mg/dL
LDL CHOLESTEROL Direct-Enzymatic colorimetric	115 *	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>	37 *	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	186 *	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
CHO/HDL RATIO <i>Calculation</i>	5.78 *	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO	3.59		

BUN(BLOOD UREA NITROGEN)

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818801)

BLOOD UREA <i>Urease kinetic</i>	23	16.6 - 48.5	mg/dL
BUN (Blood Urea Nitrogen.)	10		

PLBS (POST LUNCH BLOOD GLUCOSE)

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240819126)

POST LUNCH BLOOD GLUCOSE <i>Hexokinase</i>	126	Normal Range : <140 Impaired Glucose Tolerance : 140 -199 Diabetes Mellitus: >=200	mg/dL
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DRAFT

Md. Simi Iqbal

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

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LABORATORY REPORT : BLOOD BANK

Parameters	Result	Reference Range	Units
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BLOOD GROUPING AND RH

(**Bill Date** : 10-Aug-2024 08:50 AM **Result ID** : RU4240818802)

BLOOD GROUP	"O"
<i>Automated microcolumn gel method</i>	

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

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LABORATORY REPORT : CLINICAL PATHOLOGY

Parameters	Result	Reference Range	Units
CUE(COMPLETE URINE EXAMINATION)			
(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818790)			
SPECIFIC GRAVITY	1.010	1.000 - 1.030	
PH	6.0	5.0 - 8.0	
PROTEIN	NIL	NIL (<15 mg/dL)	
GLUCOSE	NIL	NIL (<25 mg/dL)	
UROBILINOGEN	NIL	NIL	
KETONE	NIL	NIL (<5 mg/dL)	
BLOOD	NIL		
BILIRUBIN	NIL	NIL (<0.5 mg/dL)	
NITRITE	NIL	NEGATIVE	
leucocytes	NIL		
PUS CELLS	2-3	0 - 5 /hpf	
RBC	NIL	0 - 5 /hpf	
EPITHELIAL CELLS	1-3	0 - 5	hpf
CRYSTALS	NIL	NIL	
CASTS	NIL	NIL	
OTHERS	NIL	NIL	

DRAFT

M. M. Srinivas

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LABORATORY REPORT : HAEMATOLOGY

Parameters	Result	Reference Range	Units
CBP(COMPLETE BLOOD PICTURE)			
(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818787)			
HEMOGLOBIN <i>Photometric</i>	16.8	13.0 - 17.0	gms/dL
R B C COUNT <i>Electrical Impedance</i>	5.76 *	4.5 - 5.5 $10^{12}/L$	$10^{12}/L$
PCV/HCT <i>Calculated</i>	48.1	40 - 50	%
MCV <i>Calculated</i>	83.5	83 - 101	fl
MCH <i>Calculated</i>	29.2	27 - 32	pg
MCHC <i>Calculated</i>	35.0	31 - 37	g/dL
RDW(cv)	14.1 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	5.26	4.0 - 11.0	$10^3/\mu L$
NEUTROPHILS <i>DHSS/Microscopy</i>	51	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	39	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>	253	150 - 400 $10^3/\mu L$	$10^3/\mu L$

ESR

(Bill Date : 10-Aug-2024 08:50 AM Result ID : RU4240818788)

ESR
MODIFIED WESTERGRENS METHOD 08 0 - 10 mm/1st hour

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