



LABORATORY REPORT : BIOCHEMISTRY

Name	: Mr. YELKAPELLI MAHESH	Age /Sex	: 43Y Y(s)/MALE
Bill Date	: 26-Oct-2024 10:05 AM	UMR No.	: 392410001182
Rec. Dt	: 26-Oct-2024 12:33 PM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:33 PM	Result No	: RZB241007262
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019151
Sample Type	:		

PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
PLBS (POST LUNCH BLOOD GLUCOSE) <i>Hexokinase</i>	138	Normal Range : =200	mg/dL

*** End Of Report ***



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MBBS,MD CONSULTANT PATHOLOGIST



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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007157
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019094
Sample Type	: SERUM		

SERUM URIC ACID

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
SERUM URIC ACID <i>uricase</i>	5.5	3.4-7.0	mg/dL

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007158
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019094
Sample Type	: SERUM		

LFT(LIVER FUNCTION TEST)

Parameters	Result	Reference Range	Units
TOTAL BILIRUBIN <i>DIAZO</i>	0.8	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.2	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.6	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	29	<=41	U/L
SGOT (AST) <i>UV without P5P</i>	36	<=40	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	54	40-129 U/L	U/L
TOTAL PROTEINS <i>Biuret method</i>	7.3	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	4.6	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	2.7	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.7	1.2 - 2.5	

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007159
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019094
Sample Type	: SERUM		

T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
T3 <i>ECLIA</i>	165.37	80.0 - 200.0	ng/dL
T4 <i>ECLIA</i>	7.21	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) <i>ECLIA</i>	5.43 *	0.270 - 4.20	uIU/mL

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 28-Oct-2024 05:41 PM	Result No	: RZB241007160
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019094
Sample Type	: SERUM		

BUN / CREATININE RATIO

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
BUN / CREATININE RATIO CALCULATED	11	10-20 mg/dL	mg/dL

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007161
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019094
Sample Type	: SERUM		

SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
CREATININE <i>Jaffe</i>	1.0	0.6 - 1.2	mg/dL

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007162
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019095
Sample Type	: PLASMA		

FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
FASTING BLOOD GLUCOSE <i>HEXOKINASE</i>	98	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007163
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019094
Sample Type	: SERUM		

LIPID PROFILE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	189	Desirable : : < 200 mg/dL Borderline High : : 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL <i>Homogeneous enzymatic colorimetric</i>	37	Low : : < 40 mg/dL High : : > 60 mg/dL	mg/dL
LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	129 *	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
VLDL <i>Calculation</i>	19	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	99	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
CHO/HDL RATIO <i>Calculation</i>	5.11 *	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO	3.49		

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007164
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019096
Sample Type	: SERUM		

HBA1C (GLYCOSYLATED HAEMOGLOBIN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HBA1C <i>HPLC</i>	5.0	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
MPG(Mean Plasma Glucose) <i>Derived from HBA1c value</i>	100.7	" Excellent Control : 90 - 120 mg/dl Good Control : 121 - 150 "	mg/dl

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Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007165
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019094
Sample Type	: SERUM		

BUN(BLOOD UREA NITROGEN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
BLOOD UREA <i>Urease kinetic</i>	23	16.6 - 48.5	mg/dL
BUN (Blood Urea Nitrogen.)	10.9		

*** End Of Report ***



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LABORATORY REPORT : BLOOD BANK

Name	: Mr. YELKAPELLI MAHESH	Age /Sex	: 43Y Y(s)/MALE
Bill Date	: 26-Oct-2024 10:05 AM	UMR No.	: 392410001182
Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007155
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019092
Sample Type	: WHOLE BLOOD		

BLOOD GROUPING AND RH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
BLOOD GROUP <i>Automated microcolumn gel method</i>	" 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.

*** End Of Report ***



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LABORATORY REPORT : CLINICAL PATHOLOGY

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Bill Date	: 26-Oct-2024 10:05 AM	UMR No.	: 392410001182
Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007156
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019093
Sample Type	: URINE		

CUE(COMPLETE URINE EXAMINATION)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
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PHYSICAL EXAMINATION

VOLUME	15	10 ml to 25 ml	ml
COLOUR	PALE YELLOW	PALE YELLOW	
APPEARANCE	CLEAR	CLEAR	

CHEMICAL EXAMINATION

SPECIFIC GRAVITY <i>Bromthymol blue</i>	Q N S	1.000 - 1.030
PH <i>Bromthymol blue</i>	5.5	5.0 - 8.0
PROTEIN <i>Tetra-bromophenol blue/Heat coagulation test</i>	NIL	NIL (<15 mg/dL)
GLUCOSE <i>Glucose oxidase Peroxidase/Benedict?s test</i>	NIL	NIL (<25 mg/dL)
UROBILINOGEN <i>Diazonium salt</i>	NIL	NIL
KETONE <i>Sodium nitroprusside/Rothera?s test.</i>	NIL	NIL (<5 mg/dL)

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Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007156
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019093
Sample Type	: URINE		

BILIRUBIN NIL NIL (<0.5 mg/dL)
Diazonium salt/Fouchets test

NITRITE NEGATIVE NEGATIVE
Sulfanilic acid

MICROSCOPIC EXAMINATION

PUS CELLS	2-3	0 - 5 /hpf	
RBC	NIL	0 - 5 /hpf	
EPITHELIAL CELLS	1-2	0 - 5	hpf
CRYSTALS	NIL	NIL	
CASTS	NIL	NIL	
OTHERS	-	NIL	

INTERPRETATION

The colour fields of chemicals correspond to the following values:

1. Proteins: neg (negative), 30-99 (+), 100-499 (++) , >500 (+++) mg/dl
2. Ketones: neg. (negative), 5 (Trace), 15-49 (+), 50-149 (++) , >150 (+++) mg/dl
3. Glucose: norm. (normal), 50-149 (+), 150-499 (++) , 500-999 (+++) , >1000 (++++) mg/dl
4. Bilirubin: neg (negative), 1 (+), 3 (++) , 6 (+++) mg/ dl
5. Urobilinogen: norm. (normal), 2 (+), 4 (++) , 8 (+++) , 12 (++++) mg/dl.

*** End Of Report ***



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LABORATORY REPORT : HAEMATOLOGY


Name	: Mr. YELKAPELLI MAHESH	Age /Sex	: 43Y Y(s)/MALE
Bill Date	: 26-Oct-2024 10:05 AM	UMR No.	: 392410001182
Rec. Dt	: 26-Oct-2024 11:41 AM	Bill No.	: MCB39241003694
Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007153
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019090
Sample Type	: WHOLE BLOOD		

CBP(COMPLETE BLOOD PICTURE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HEMOGLOBIN <i>Photometric</i>	13.4	13.0 - 17.0	gms/dL
R B C COUNT <i>Electrical Impedance</i>	4.1 *	4.5 - 5.5	10 ¹² /L
PCV/HCT <i>Calculated</i>	39.7 *	40 - 50	%
MCV <i>Calculated</i>	78 *	83 - 101	fl
MCH <i>Calculated</i>	26.2 *	27 - 32	pg
MCHC <i>Calculated</i>	33.8	31 - 37	g/dL
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	6.2	4.0 - 10.0	10 ³ /μl

DIFFERENTIAL COUNT

NEUTROPHILS <i>DHSS/Microscopy</i>	49	40 - 80 %
LYMPHOCYTES <i>DHSS/Microscopy</i>	37	20 - 40 %
MONOCYTES <i>DHSS/Microscopy</i>	10	02 - 10 %



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Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007153
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019090
Sample Type	: WHOLE BLOOD		

EOSINOPHILS <i>DHSS/Microscopy</i>	04	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
PLATELET COUNT <i>Electrical Impedance</i>	210	150 - 400 $10^3/\mu\text{L}$	$10^3/\mu\text{L}$

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Rept. Dt	: 26-Oct-2024 12:08 PM	Result No	: RZB241007154
Ref By	: Dr. J Dattu Raj	Sample ID	: MCNNB6019091
Sample Type	: WHOLE BLOOD		

ESR

Parameters

Result

Reference Range

Units

ESR


08

0-12

mm/1st hour

WESTERNGREN'S METHOD

*** End Of Report ***



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2D-ECHOCARDIOGRAM

Date: 26-10-2024

Patient Name: Y MAHESH Age: 43 Gender: Male

MITRAL VALVE Normal
AORTIC VALVE Normal
PULMONARY VALVE Normal
TRICUSPID VALVE Normal
LEFT ATRIUM Normal

LEFT VENTRICLE Normal
LVIDd 4.86 cm LVIDs 3.33 cm LVEF 60 %
IVSd 1.20 cm PWd 1.20 cm

LV RWMA None
INTERATRIAL SEPTUM Intact
RIGHT ATRIUM Normal
RIGHT VENTRICLE Normal
PULMONARY ARTERY Normal
IVC/CS Normal
PERICARDIUM Normal
INTRACARDIAC MASSES NIL

DOPPLER MEASUREMENTS

MITRAL FLOW
E: 0.62 m/sec A: 0.96 m/sec EDT: 142 millisec
AJV: 1.1 m/sec PJV: 1.10 m/sec TRJV: m/sec
Gradient: PPG: mm Hg MPG: mm Hg

TR Mild (+) MR Mild (+) AR PR

IMPRESSION

MILD CONCENTRIC LVH+
NO LV RWMA
GOOD LV/RV SYSTOLIC FUNCTION
GRADE-I LV DIASTOLIC DYSFUNCTION
MILD MR+; MILD TR+; NO PAH

DR RAVIKIRAN

MBBS,MD, MRCP DM CARDIOLOGY
CONSULTANT INTERVENTIONAL CARDIOLOGIST

PR 144 . Sinus rhythm..... normal P axis, V-rate 50- 99
QRSD 102 . RSR' in V1 or V2, right VCD or RVH.....QRS area positive & R' V1/V2
QT 389 . Baseline wander in lead(s) V2,V3
QTc 420

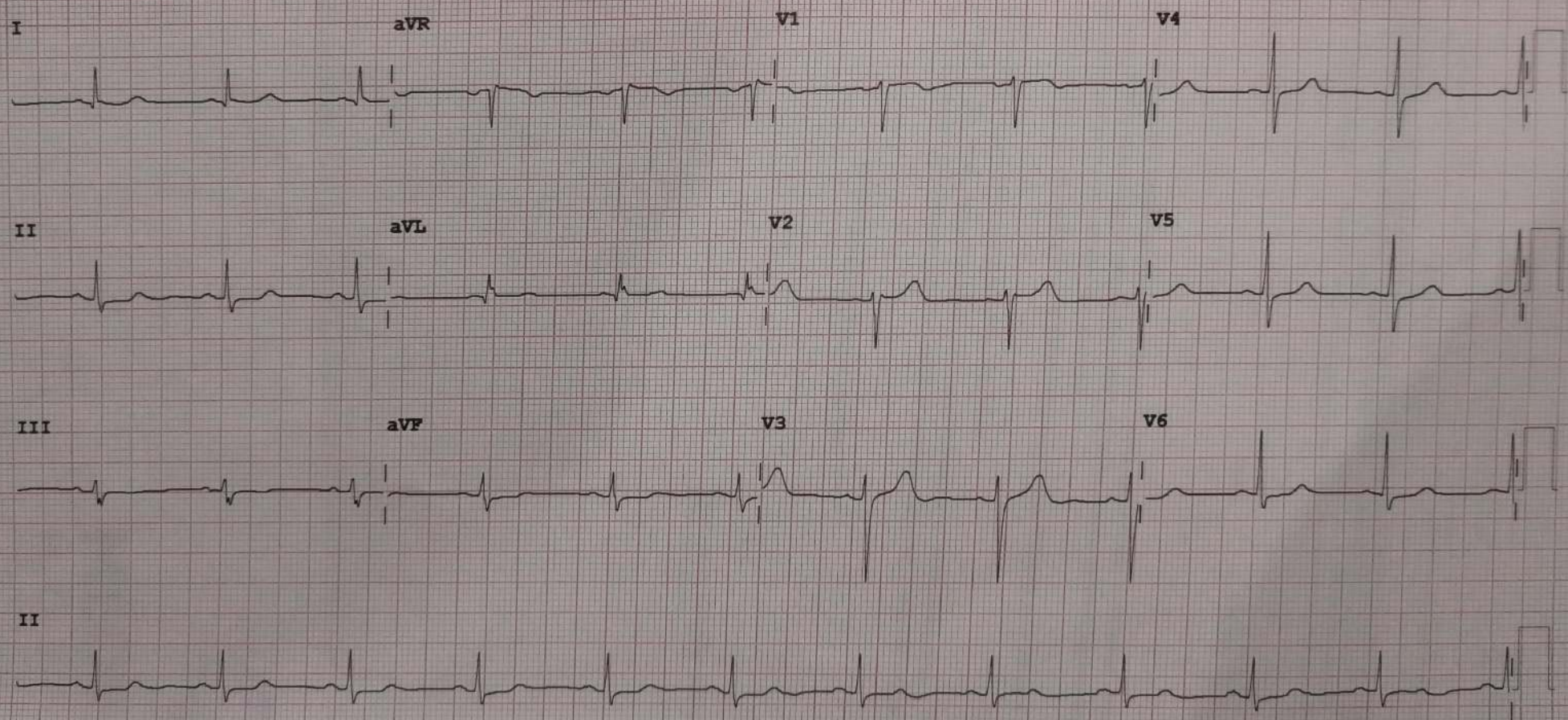
--AXIS--

P 42
QRS 10
T 7

- OTHERWISE NORMAL ECG -

12 Lead; Standard Placement

Unconfirmed Diagnosis



Device: Speed: 25 mm/sec Limb: 10 mm/mV Chest: 10.0 mm/mV F 60~ 0.15-100 Hz PH100B CL P?