



ECHOCARDIOGRAPHY REPORT

Name: Mrs. Saraswathi Ref By: Mediwheel	Age: 52 Y/F	ID No -3621	Date: 27/07/2024
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M-Mode and Doppler Measurements

		M / sec	Regurgitation
LA: 28mm	IVS(D): 10mm	MV: E/A: 0.86m/s	Normal
AO: 23mm	LVID(D): 42mm	AV: 0.84m/s	Nil
RVID(D): 16	LVPW(D): 10mm	PV: 0.94m/s	Nil
	LVID(S): 25mm		MILD TR, PASP 35mmHg
	LVEF: 60%		

Descriptive Findings

Left Ventricle:	Normal
Right Ventricle:	Normal
Left Atrium:	Normal
Right Atrium:	Normal
Mitral Valve:	Normal
Aortic Valve:	Normal
Tricuspid Valve:	Normal
Pulmonary Valve:	Normal
IAS:	Intact
IVS:	Intact
Pericardium:	Normal
Others:	-----

IMPRESSION:

S/P PTCA
NO RWMA
NORMAL LV SYSTOLIC FUNCTION. EF 60%
E/A FUSED
MILD TR, MILD PAH PASP 35mmHg
NORMAL RV FUNCTION (TAPSE 20mm)
IVC NORMAL SIZE & COLLAPSING
NO LV CLOTS/ PERICARDIAL EFFUSION/COA/PLEURAL EFFUSION

...SUGGESTED: CLINICAL CORRELATION

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DR GANESH NALLUR SHIVU
MRCP, PhD (Cardiology), CCT (UK), AFESC
Senior Consultant Interventional Cardiologist

Drafted By: MPK



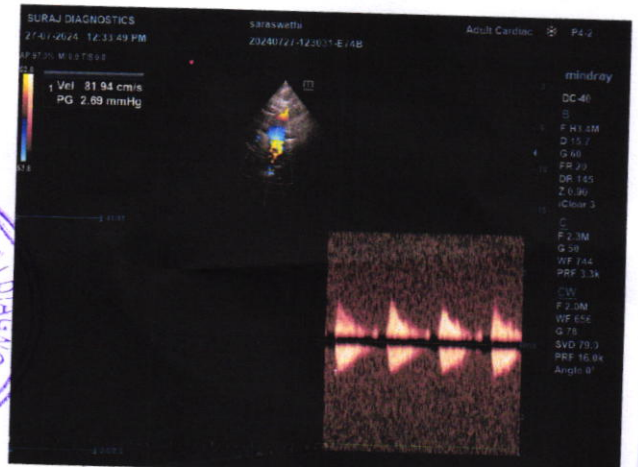
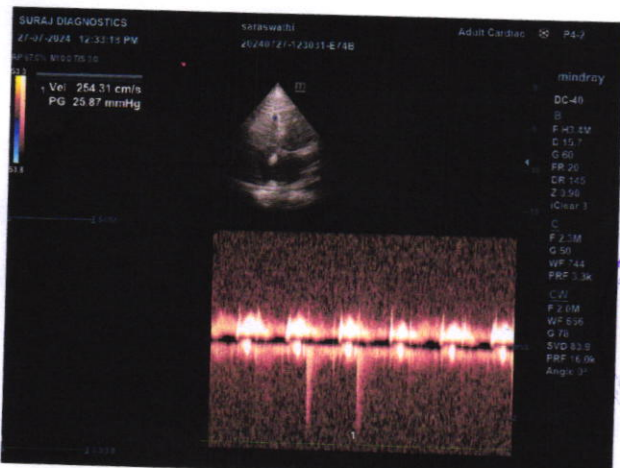
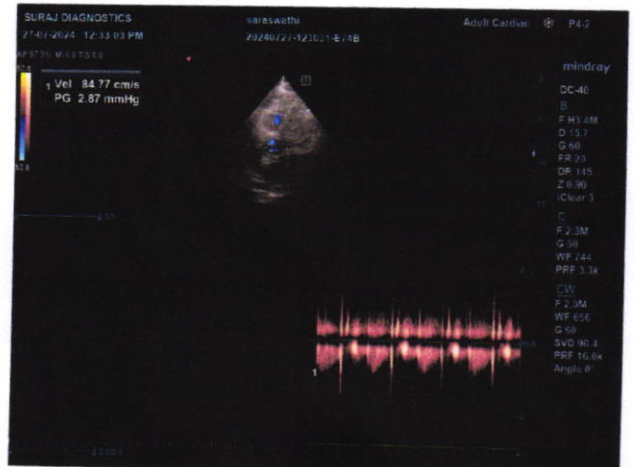
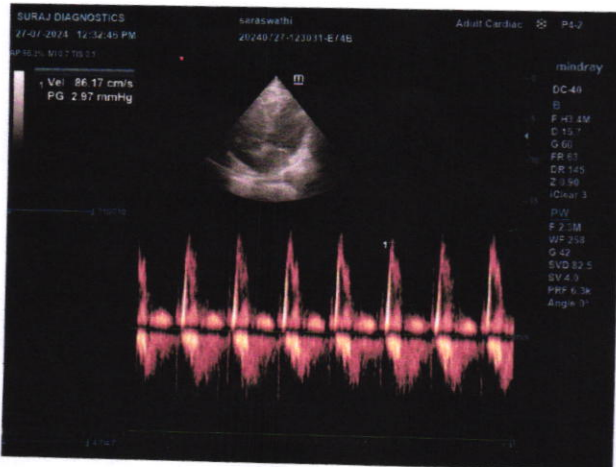
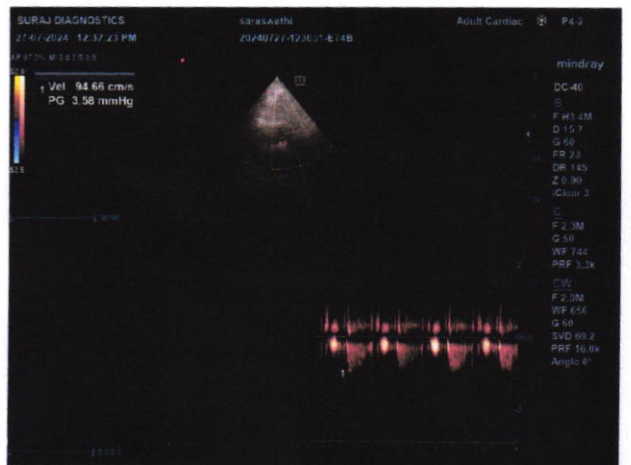
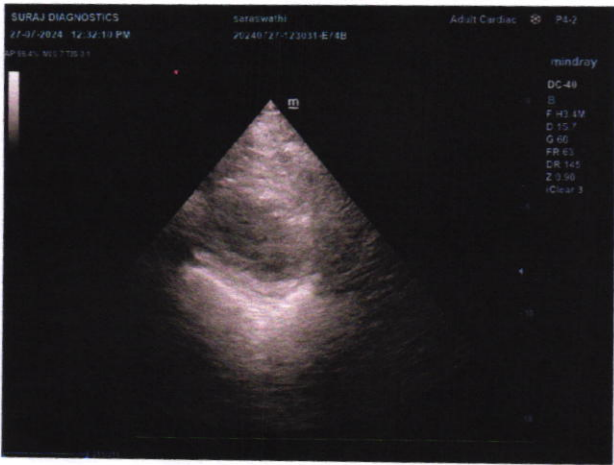
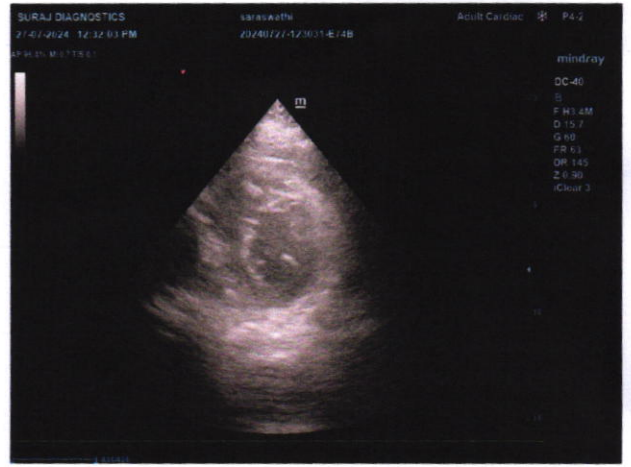
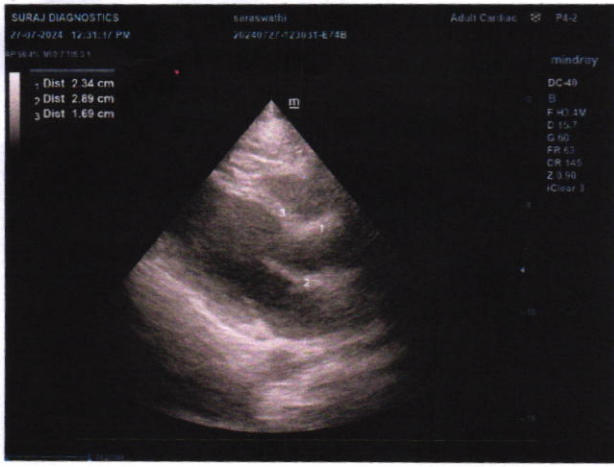
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#98/99, Sandeep Unnikrishnan Main Road,
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AMBULANCE & HOME LAB SERVICES : 9980233149



SARASWATHI

Female 52Years

Req. No. :

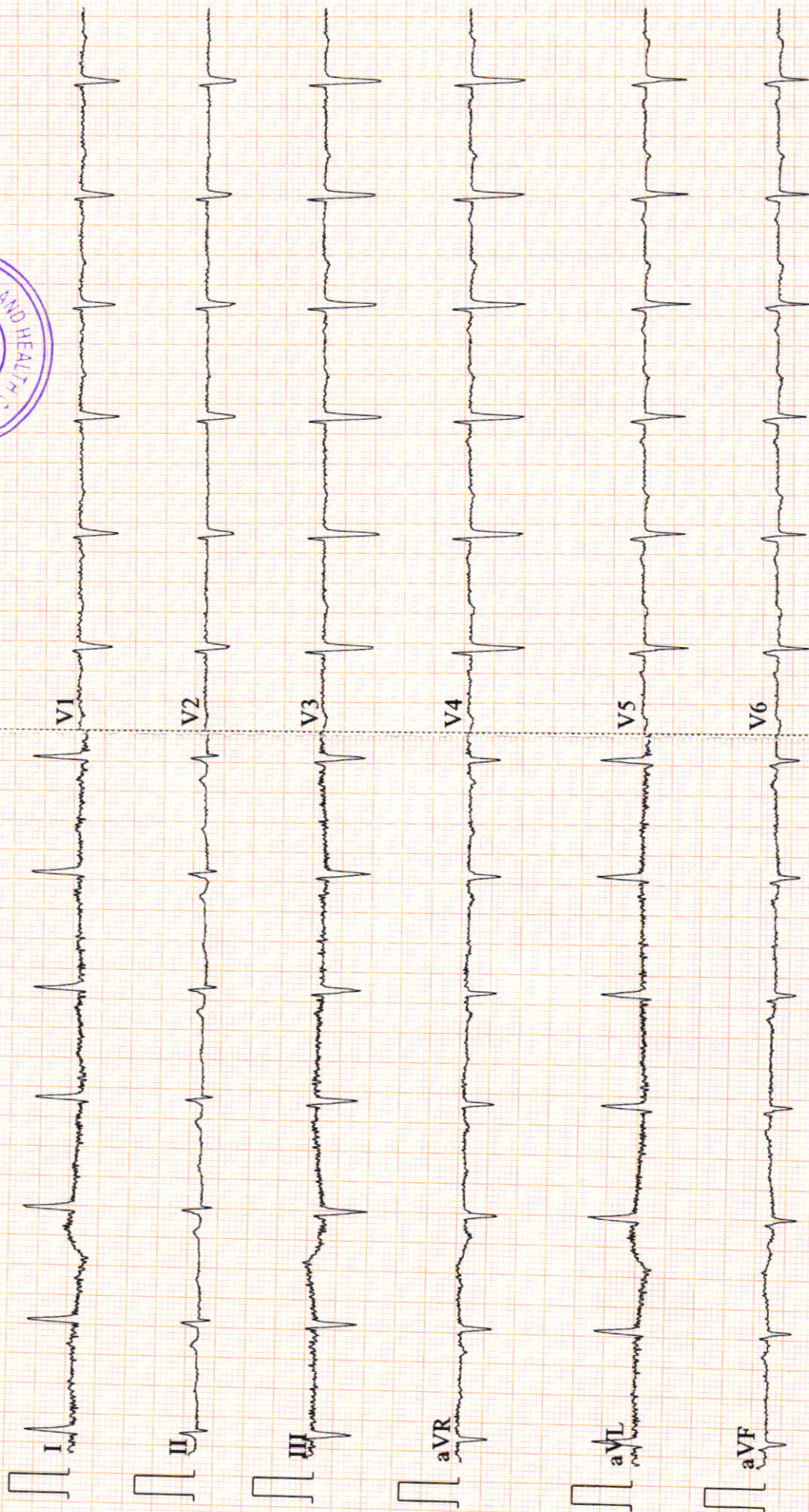
HR : 77 bpm
 P : 102 ms
 PR : 162 ms
 QRS : 90 ms
 QT/QTcBz : 394/446 ms
 P/QRS/T : 52/-18/59 °
 RV5/SV1 : 0.231/0.600 mV

Diagnosis Information:

Sinus rhythm
 Anterolateral T wave abnormality is nonspecific
 Borderline ECG



Report Confirmed by:





Eye checkup

YOUR CONTACT INFORMATION

First Name

Saraswathi

Last Name

Address

City/State

Zipcode

Phone

Email

1. VISUAL ACUITY

- A UNAIDED DV..... RE 6/ 6 LE 6/ 12.
- B UNAIDED NV..... RE N/ (N) LE N/ (N)
- C WITH GLASSES DV..... RE 6/ LE 6/
- D WITH GLASSES NV..... RE N/ LE N/
- 2. NIGHT BLINDNESS..... YES NO
- 3. COLOUR BLINDNESS..... YES NO
- 4. SEQUIN..... YES NO



place

Bangalore

date

27/11/24

signature

[Handwritten Signature]

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LAB REPORT

Name : MRS. SARASWATHI.B
Age / Gender : 52 years / Female
Sample ID : 3628
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Jul 27, 2024, 12:45 p.m.
Receiving Time : Jul 27, 2024, 02:16 p.m.
Reporting Time : Jul 27, 2024, 05:45 p.m.
Lab Code :



HEMATOLOGY

Test Description	Value(s)	Reference Range	
CBC - Complete Blood Count			
Hemoglobin (Hb)* Method : Cynmeth Photometric Measurement	10.8	12.0 - 15.0	gm/dL
Erythrocyte (RBC) Count* Method : Electrical Impedence	4.82	3.8 - 4.8	mil/cu.mm
Packed Cell Volume (PCV)* Method : Calculated	35.4	36 - 46	%
Mean Cell Volume (MCV)* Method : Electrical Impedence	72.9	80-100	fL
Mean Cell Haemoglobin (MCH)* Method : Calculated	22.3	27 - 32	pg
Mean Corpuscular Hb Conc. (MCHC)* Method : Calculated	30.6	30-35	gm/dL
Total Leucocytes (WBC) Count* Method : Electrical Impedence	6600	4000-10000	cell/cu.mm
Neutrophils* Method : VCSn Technology	62	40 - 75	%
Lymphocytes* Method : VCSn Technology	31	20 - 40	%
Monocytes* Method : VCSn Technology	6	2 - 10	%
Eosinophils* Method : VCSn Technology	1	1 - 6	%
Basophils* Method : VCSn Technology	0	0-1	%
Platelet Count* Method : Electrical Impedence	3.08	1.50 - 4.50	lakhs/cumm

Tests done on Automated Five Part Cell Counter. (WBC, RBC, Platelet count by impedance method, colorimetric method for Hemoglobin, WBC differential by flow cytometry using laser technology other parameters are calculated). All Abnormal Haemograms are reviewed confirmed microscopically.

****END OF REPORT****

Dr. Guruprasad
Consultant Pathologist
Kmc 96510





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Lab Code :



HEMATOLOGY

Test Description	Value(s)	Reference Range
Erythrocyte Sedimentation Rate		
Erythrocyte Sedimentation Rate	20	<30 mm/hr

Method : EDTA Whole blood, modified westergren

Interpretation:

It indicates presence and intensity of an inflammatory process. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, acute rheumatic fever,. It is also increased in multiple myeloma, hypothyroidism.

****END OF REPORT****

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Collection Time : Jul 27, 2024, 12:45 p.m.
Receiving Time : Jul 27, 2024, 12:45 p.m.
Reporting Time : Jul 27, 2024, 05:46 p.m.

Lab Code :



CLINICAL PATHOLOGY

Test Description	Value(s)	Reference Range
Fasting Urine Sugar	Present	-

END OF REPORT

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Lab Code :



000620924

BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Glycosylated Haemoglobin (HbA1c)		
Glyco Hb (HbA1C) Method : EDTA Whole blood,HPLC	7.11	Non-Diabetic: \leq 5.6 % Pre Diabetic:5.7-6.4 Diabetic: \geq 6.5
Estimated Average Glucose :	157.36	mg/dL
Interpretations		
1. HbA1C has been endorsed by clinical groups and American Diabetes Association guidelines 2017 for diagnosing diabetes using a cut off point of 6.5%		
2. Low glyated haemoglobin in a non diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia (especially severe iron deficiency and haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.		
3. In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control.		
Excellent control-6-7 %		
Fair to Good control – 7-8 %		
Unsatisfactory control – 8 to 10 %		
Poor Control – More than 10 %		

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Collection Time : Jul 27, 2024, 12:45 p.m.
Receiving Time : Jul 27, 2024, 02:16 p.m.
Reporting Time : Jul 27, 2024, 06:38 p.m.

Lab Code :



IMMUNOLOGY

Test Description	Value(s)	Reference Range
TFT - THYROID FUNCTION TEST		
T3 -Total Method : (Serum,CLia)	1.23	Newborn: 0.7-2.0 < 1 Year: 1.0-2.4 1 - 5 Years: 1.0-2.4 6 - 10 Years: 0.9-2.4 11 - 50 Years: 0.7-2.0 > 50 Years: 0.4-1.8 First Trimester: 0.8-1.9 Second Trimester: 1.0-2.6 ng/ml
T4-Total* Method : Serum,CLIA	9.68	Newborn: > 7.5 7 Days - 1 Year: 5.9-13.7 1 - 9 Years: 5.5-10.3 9 - 12 Years: 5.5-9.3 12 - 14 Years: 5.0-8.3 Male 15 - 60 Years: 4.6-10.5 > 60 Years: 5.0-10.7 Female 15 - 60 Years: 5.5-11.0 ug/dL
TSH-Ultrasensitive* Method : (serum/CLIA)	1.35	Newborn: < 20 4 Days - 6 Months: 0.7-4.8 6 Months - 4 Years: 0.7-4.2 5 - 20 Years: 0.5-3.4 21 - 54 Years: 0.4-4.2 55 - 87 Years: 0.5-8.9 First Trimester: 0.1-2.5 Second Trimester: 0.2-3.0 μIU/mL

Interpretation

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Reporting Time : Jul 27, 2024, 06:38 p.m.

Lab Code : 
000620924

BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LIPID PROFILE			
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	145	Desirable: <= 200 Borderline High: 201-239 High: > 239 Ref: The National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.	mg/dL
Triglycerides Method : Serum, Enzymatic, endpoint	129	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	45	Normal: > 40 Major Heart Risk: < 40	mg/dL
LDL Cholesterol Method : Serum	74.20	Optimal: < 100 Near optimal/above optimal: 100-129 Borderline high: 130-159 High: 160-189 Very High: >= 190	mg/dL
Non - HDL Cholesterol, Serum Method : calculated	100	Desirable: < 130 mg/dL Borderline High: 130-159mg/dL High: 160-189 mg/dL Very High: > or = 190 mg/dL	mg/dL
VLDL Cholesterol Method : calculated	25.80	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	3.22	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	1.65	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio
HDL/LDL RATIO Method : calculated	0.61	Desirable / low risk - 0.5 -3.0 Low/ Moderate risk - 3.0- 6.0 Elevated / High risk - > 6.0	ratio

Note: 8-10 hours fasting sample is required.

END OF REPORT

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PATHOLOGY

Test Description	Value(s)	Reference Range
<u>Creatinine, Serum</u>		
Creatinine Method : Serum, Jaffe	0.53	Children(1 yrs - 14 yrs) : 0.30 - 0.70 Adult Male : 0.72 - 1.25 Adult Female : 0.57 - 1.11

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Lab Code :



000620924

HEMATOLOGY

Investigations	Result(s)
Blood Group & Rh Typing	
Blood Group Method : Forward and Reverse By Tube Method	"B"
RH Factor	Positive

Methodology

This is done by forward and reverse grouping by tube Agglutination method.

Interpretation

Newborn baby does not produce ABO antibodies until 3 to 6 months of age. So the blood group of the Newborn baby is done by ABO antigen grouping (forward grouping) only, antibody grouping (reverse grouping) is not required. Confirmation of the New-born's blood group is indicated when the A and B antigen expression and the isoagglutinins are fully developed (2-4 years).

END OF REPORT

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Referral : Dr. MEDIWHEEL
Collection Time : Jul 27, 2024, 12:45 p.m.
Receiving Time : Jul 27, 2024, 02:16 p.m.
Reporting Time : Jul 27, 2024, 05:44 p.m.

Lab Code :



CLINICAL PATHOLOGY

Test Description	Value(s)	Reference Range
Urine Complete Analysis		
Volume*	20	- ml
Colour*	Pale Yellow	Pale Yellow
Transparency (Appearance)*	Clear	Clear
Deposit*	Absent	Absent
Reaction (pH)*	6.5	4.5 - 8
Specific Gravity*	1.020	1.010 - 1.030
Chemical Examination (Automated Dipstick Method) Urine		
Urine Glucose (sugar)*	Present (+)	Absent
Urine Protein (Albumin)*	Absent	Absent
Urine Ketones (Acetone)*	Absent	Absent
Blood*	Absent	Absent
Bile pigments*	Absent	Absent
Nitrite*	Absent	Absent
Urobilinogen*	Normal	Normal
Microscopic Examination Urine		
Pus Cells (WBCs)*	2-3	0 - 5 /hpf
Epithelial Cells*	3-4	0 - 4 /hpf
Red blood Cells*	Absent	Absent /hpf
Crystals*	Absent	Absent
Cast*	Absent	Absent
Trichomonas Vaginalis*	Absent	Absent
Yeast Cells*	Absent	Absent
Amorphous deposits*	Absent	Absent
Bacteria*	Absent	Absent

END OF REPORT

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Collection Time : Jul 27, 2024, 12:45 p.m.
Receiving Time : Jul 27, 2024, 02:16 p.m.
Reporting Time : Jul 27, 2024, 05:43 p.m.

Lab Code :



BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Fasting Glucose- FBS		
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	161.34	Normal: 70 - 99 Impaired Tolerance: 100-125 Diabetes mellitus: ≥ 126 (on more than one occasion) (American diabetes association guidelines 2018)

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Lab Code :



CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Glucose - Post Prandial(PP)		
Blood Glucose-Post Prandial* Method : Plasma - P, Hexokinase	257.82	70-140 mg/dL

END OF REPORT

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Collection Time : Jul 27, 2024, 12:45 p.m.
Receiving Time : Jul 27, 2024, 02:16 p.m.
Reporting Time : Jul 27, 2024, 06:38 p.m.

Lab Code :



CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Uric Acid - Serum			
Uric Acid*	4.0	2.6 - 6.0	mg/dL
Method : Uricase, POD			

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Reporting Time : Jul 27, 2024, 06:36 p.m.

Lab Code :



CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Urea - Serum		
Urea* Method : Urease	16.0	17 - 43 mg/dL

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CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Blood Urea Nitrogen (BUN)		
UREA* Method : Serum,Urease	16.0	17 - 43 mg/dL
BUN* Method : Serum,Calculated	7.48	Children 1-14yrs: 5.1- 16.8, 14-19yrs: 8.4-21, Adult Male < 50yrs : 8.9-20.6, > 50yrs: 8.4-25.7, Adult Female < 50yrs: 7.0-18.7, > 50yrs: 9.8- 20.1

****END OF REPORT****

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Lab Code :



BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LFT - LIVER FUNCTION TEST			
Bilirubin - Total Method : Serum, Jendrassik Grof	0.3	0.3 - 1.2	mg/dL
Bilirubin - Direct Method : Serum, Diazotization	0.2	0.0 - 0.5	mg/dL
Bilirubin - Indirect Method : Serum, Calculated	0.1	0.1 - 1.0	mg/dL
SGOT Method : Serum, UV with P5P, IFCC 37 degree	21.4	<55	U/L
SGPT Method : Serum, UV with P5P, IFCC 37 degree	25.1	<55	U/L
SGOT/SGPT Method : calculated	0.85	0.7 - 1.4	ratio
GGT-Gamma Glutamyl Transpeptidase Method : Serum, G-glutamyl-carboxy-nitroanilide	12.20	< 55	U/L
Alkaline Phosphatase-ALPI Method : Serum, PNPP, AMP Buffer, IFCC 37 degree	68.7	30-120	U/L
Total Protein Method : Serum, Biuret, reagent blank end point	7.81	6.4 - 8.3	g/dL
Albumin Method : Serum, Bromocresol purple	4.61	3.5 - 5.2	g/dL
Globulin Method : Calculated	3.20	2.3 - 3.5	g/dL
A/G Ratio Method : Calculated	1.44	1.0 - 1.8	ratio

END OF REPORT

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