

ECHOCARDIOGRAPHY REPORT

Name: Mr. TEJAS A	Age:32 Y/M	ID No -3941	Date:09/11/2024
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M-Mode and Doppler Measurements

		M / sec	Regurgitation
LA: 26mm	IVS(D): 11mm	MV: E/A: 0.7, 0.4m/s	Nil
AO: 25mm	LVID(D):39mm	AV: 1.1m/s	Nil
RVID(D):21	LVPW(D):12mm	PV: 1.0m/s	Nil
	LVID(S):26mm	TV:-----	Trivial TR
	LVEF:61%		

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:

NORMAL CHAMBERS
 NO RWMA
 NORMAL LV SYSTOLIC FUNCTION. EF 61%
 NORMAL RV FUNCTION (TAPSE 19mm)
 TRIVIAL TR, NO PAH PASP 27mmHg
 NORMAL LV DIASTOLIC FUNCTION
 IVC NORMAL SIZE & COLLAPSING
 NO LV CLOTS/ PERICARDIAL EFFUSION

...SUGGESTED: CLINICAL CORRELATION

Drafted BY : GAK



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 MRCP, Ph.D(Cardiology), CCT (UK) AFESC
 Consultant Cardiology
 KMC No : 57276

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

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AMBULANCE & HOME LAB SERVICES : 9980233149



Suraj Diagnostics &
Health Care Center

NAME: Mr. TEJAS A
AGE/SEX : 32 Y/M
REF BY: MEDIWHEEL

PATIENT ID- 3941
DATE: 09/11/2024

USG ABDOMEN AND PELVIS

Liver: Normal in size and Grade I fatty liver. No obvious focal lesions seen. No IHBR dilatation noted. CBD not dilated. Portal vein: normal in caliber.

Gall Bladder: Partially distended. Wall thickness normal. No pericholecystic fluid.

Pancreas: Visualized pancreatic head, proximal body and tail shows normal size and echo texture. No evidence of duct dilatation. No peripancreatic collection.

Spleen: Normal in size and echo texture. No focal lesions

Kidneys: Bilateral kidneys are normal in size, shape and texture. CMD maintained. No hydronephrosis / calculi seen.

Right Kidney ~ 9.7x1.7cm (Length x Parenchymal thickness).

Left Kidney ~ 9.5x1.7cm (Length x Parenchymal thickness).

Urinary Bladder: Distended and visualized lumen is echofree. Wall thickness is normal.

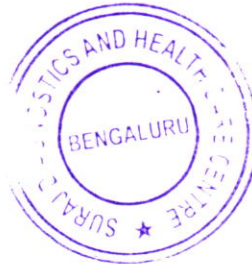
Prostate: Normal in size and normal echotexture. No focal lesion seen.

No ascites /lymphadenopathy seen.

IMPRESSION:

GRADE I FATTY LIVER.

- **SUGGESTED CLINICAL CORRELATION AND FURTHER EVALUATION IF INDICATED.**



Dr. Srividya B.T
DR.SRIVIDYA B.T, MDRD,
CONSULTANT RADIOLOGIST.

Dr.SRIVIDYA B.T
Consultant Radiologist
KMC No:103375

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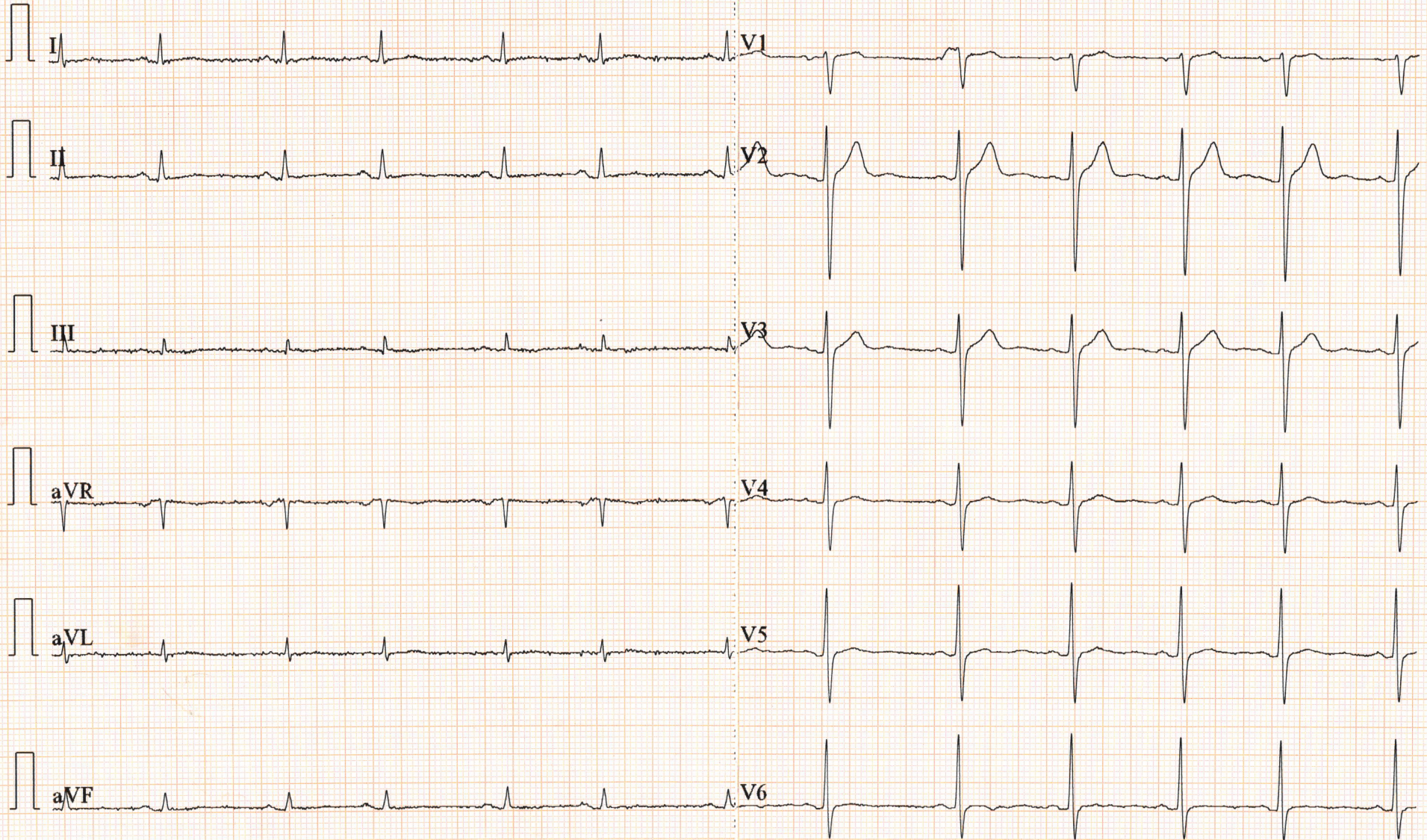
ID: 2
TEJAS A
Male 32Years
Req. No. :

09-11-2024 07:56:26 AM
HR : 73 bpm
P : 120 ms
PR : 156 ms
QRS : 98 ms
QT/QTcBz : 364/402 ms
P/QRST : 53/45/33 °
RV5/SV1 : 1.226/0.638 mV

Diagnosis Information:

Sinus arrhythmia
Normal ECG

Report Confirmed by:





Eye check up

YOUR CONTACT INFORMATION

First Name *Mr. Tejas . A* Last Name _____

Address _____

Age: *32 year / Male*

City/State _____ Zipcode _____

Phone _____ Email _____

1. VISUAL ACUITY

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



place: *Bangalore*

date: *9/11/2024*

signature: *[Signature]*

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LAB REPORT

Name : MR. TEJAS A
Age / Gender : 32 years / Male
Sample ID : 3941
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 01:34 p.m.
Lab Code :



HEMATOLOGY

Test Description	Value(s)	Reference Range	
CBC - Complete Blood Count			
Hemoglobin (Hb)* Method : Cynmeth Photometric Measurement	14.8	13 - 17	gm/dL
Erythrocyte (RBC) Count* Method : Electrical Impedence	4.04	4.7 - 6.0	mil/cu.mm
Packed Cell Volume (PCV)* Method : Calculated	41.6	42 - 52	%
Mean Cell Volume (MCV)* Method : Electrical Impedence	102.97	80-100	fL
Mean Cell Haemoglobin (MCH)* Method : Calculated	36.63	27 - 32	pg
Mean Corpuscular Hb Conc. (MCHC)* Method : Calculated	35.58	30-35	gm/dL
Total Leucocytes (WBC) Count* Method : Electrical Impedence	8530	4000-10000	cell/cu.mm
Neutrophils* Method : VCSn Technology	54.1	40 - 75	%
Lymphocytes* Method : VCSn Technology	36.5	20 - 40	%
Monocytes* Method : VCSn Technology	6.1	2 - 10	%
Eosinophils* Method : VCSn Technology	3.0	1 - 6	%
Basophils* Method : VCSn Technology	0.30	0-1	%
Platelet Count* Method : Electrical Impedence	3.20	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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Source : MEDIWHEEL

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Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 01:32 p.m.
Lab Code :



HEMATOLOGY

Test Description	Value(s)	Reference Range
Erythrocyte Sedimentation Rate		
Erythrocyte Sedimentation Rate	18	<15 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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LAB REPORT

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Age / Gender : 32 years / Male
Sample ID : 3941
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 06:49 p.m.

Lab Code :



BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Glycosylated Haemoglobin (HbA1c)		
Glyco Hb (HbA1C) Method : EDTA Whole blood,HPLC	5.0	Non-Diabetic: <=5.6 % Pre Diabetic:5.7-6.4 Diabetic: >=6.5
Estimated Average Glucose : Interpretations	96.80	mg/dL
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 %		

****END OF REPORT****

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Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 01:37 p.m.

Lab Code :



IMMUNOLOGY

Test Description	Value(s)	Reference Range
TFT - THYROID FUNCTION TEST		
T3 -Total Method : (Serum,CLia)	0.917	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	7.55	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)	3.22	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

END OF REPORT

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Name : MR. TEJAS A
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Sample ID : 3941
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 01:39 p.m.

Lab Code : 
000231424

BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LIPID PROFILE			
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	107.5	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	228.4	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	30.2	Normal: > 40 Major Heart Risk: < 40	mg/dL
LDL Cholesterol Method : Serum	31.62	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	77.30	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	45.68	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	3.56	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	1.05	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	0.96	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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Reporting Time : Nov 09, 2024, 01:37 p.m.

Lab Code :



PATHOLOGY

Test Description	Value(s)	Reference Range
<u>Creatinine, Serum</u>		
Creatinine Method : Serum, Jaffe	0.77	Children(1 yrs - 14 yrs) : 0.30 - 0.70 Adult Male : 0.72 - 1.25 Adult Female : 0.57 - 1.11

****END OF REPORT****

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LAB REPORT

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Age / Gender : 32 years / Male
Sample ID : 3941
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 01:35 p.m.

Lab Code :



HEMATOLOGY

Investigations	Result(s)
Blood Group & Rh Typing	
Blood Group Method : Forward and Reverse By Tube Method	"O"
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 : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 06:54 p.m.

Lab Code :



CLINICAL PATHOLOGY

Test Description	Value(s)	Reference Range	
Urine Complete Analysis			
Volume*	15	-	ml
Colour*	Pale Yellow	Pale Yellow	
Transparency (Appearance)*	Clear	Clear	
Deposit*	Absent	Absent	
Reaction (pH)*	6.0	4.5 - 8	
Specific Gravity*	1.020	1.010 - 1.030	
Chemical Examination (Automated Dipstick Method) Urine			
Urine Glucose (sugar)*	Absent	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)*	0-1	0 - 5	/hpf
Epithelial Cells*	0-1	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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Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 06:54 p.m.

Lab Code : 
000231424

BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Fasting Glucose- FBS		
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	82	Normal: 70 - 99 Impaired Tolerance: 100-125 Diabetes mellitus: \geq 126 (on more than one occasion) (American diabetes association guidelines 2018)

END OF REPORT



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Reporting Time : Nov 09, 2024, 06:54 p.m.

Lab Code :



CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Glucose - Post Prandial(PP)			
Blood Glucose-Post Prandial* Method : Plasma - P, Hexokinase	100	70-140	mg/dL

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Collection Time : Nov 09, 2024, 11:07 a.m.
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Reporting Time : Nov 09, 2024, 01:35 p.m.

Lab Code :



000231424

CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Urea - Serum			
Urea*	18.8	17 - 43	mg/dL
Method : Urease			

END OF REPORT

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Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 01:36 p.m.
Lab Code :



CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Blood Urea Nitrogen (BUN)		
UREA* Method : Serum,Urease	18.8	17 - 43 mg/dL
BUN* Method : Serum,Calculated	8.79	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 mg/dL

END OF REPORT

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Sample ID : 3941
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 01:39 p.m.

Lab Code :



CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Uric Acid - Serum			
Uric Acid*	6.09	3.5 - 7.2	mg/dL
Method : Uricase, POD			

END OF REPORT

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Sample ID : 3941
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Referral : Dr. MEDIWHEEL
Collection Time : Nov 09, 2024, 11:07 a.m.
Receiving Time : Nov 09, 2024, 01:30 p.m.
Reporting Time : Nov 09, 2024, 06:57 p.m.

Lab Code :



BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LFT - LIVER FUNCTION TEST			
Bilirubin - Total Method : Serum, Jendrassik Grof	0.94	0.3 - 1.2	mg/dL
Bilirubin - Direct Method : Serum, Diazotization	0.36	0.0 - 0.5	mg/dL
Bilirubin - Indirect Method : Serum, Calculated	0.58	0.1 - 1.0	mg/dL
SGOT Method : Serum, UV with P5P, IFCC 37 degree	40.5	<55	U/L
SGPT Method : Serum, UV with P5P, IFCC 37 degree	47.1	<55	U/L
SGOT/SGPT Method : calculated	0.86	0.7 - 1.4	ratio
GGT-Gamma Glutamyl Transpeptidase Method : Serum, G-glutamyl-carboxy-nitroanilide	35	< 55	U/L
Alkaline Phosphatase-ALPI Method : Serum, PNPP, AMP Buffer, IFCC 37 degree	67.4	30-120	U/L
Total Protein Method : Serum, Biuret, reagent blank end point	7.51	6.4 - 8.3	g/dL
Albumin Method : Serum, Bromocresol purple	4.68	3.5 - 5.2	g/dL
Globulin Method : Calculated	2.83	2.3 - 3.5	g/dL
A/G Ratio Method : Calculated	1.65	1.0 - 1.8	ratio

END OF REPORT

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