



LAB REPORT

Name : MR. N V MITHUN NAYAKA
Age / Gender : 38 years / Male
Sample ID : 3492
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Jun 22, 2024, 02:48 p.m.
Receiving Time : Jun 22, 2024, 07:02 p.m.
Reporting Time : Jun 22, 2024, 07:15 p.m.
Lab Code :



HEMATOLOGY

Test Description	Value(s)	Reference Range	
CBC - Complete Blood Count			
Hemoglobin (Hb)* Method : Cynmeth Photometric Measurement	15.8	13 - 17	gm/dL
Erythrocyte (RBC) Count* Method : Electrical Impedence	5.6	4.7 - 6.0	mil/cu.mm
Packed Cell Volume (PCV)* Method : Calculated	46.4	42 - 52	%
Mean Cell Volume (MCV)* Method : Electrical Impedence	82.8	80-100	fL
Mean Cell Haemoglobin (MCH)* Method : Calculated	28.2	27 - 32	pg
Mean Corpuscular Hb Conc. (MCHC)* Method : Calculated	32.2	30-35	gm/dL
Total Leucocytes (WBC) Count* Method : Electrical Impedence	5200	4000-10000	cell/cu.mm
Neutrophils* Method : VCSn Technology	66	40 - 75	%
Lymphocytes* Method : VCSn Technology	29	20 - 40	%
Monocytes* Method : VCSn Technology	04	2 - 10	%
Eosinophils* Method : VCSn Technology	01	1 - 6	%
Basophils* Method : VCSn Technology	00	0-1	%
Platelet Count* Method : Electrical Impedence	1.72	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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Reporting Time : Jun 22, 2024, 07:11 p.m.
Lab Code :



HEMATOLOGY

Test Description	Value(s)	Reference Range
Erythrocyte Sedimentation Rate		
Erythrocyte Sedimentation Rate	06	<15 mm/hr
<small>Method : EDTA Whole blood, modified westergren</small>		

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.

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Reporting Time : Jun 22, 2024, 07:12 p.m.
Lab Code :



BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Glycosylated Haemoglobin (HbA1c)		
Glyco Hb (HbA1C) Method : EDTA Whole blood,HPLC	7.39	Non-Diabetic: <=5.6 % Pre Diabetic:5.7-6.4 Diabetic: >=6.5
Estimated Average Glucose : Interpretations	165.39	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 %		

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IMMUNOLOGY

Test Description	Value(s)	Reference Range
TFT - THYROID FUNCTION TEST		
T3 -Total Method : (Serum,CLia)	0.85	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	6.42	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)	2.22	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

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BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LIPID PROFILE			
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	155	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	238	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	38	Normal: > 40 Major Heart Risk: < 40	mg/dL
LDL Cholesterol Method : Serum	69.40	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	117	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	47.60	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	4.08	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	1.83	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	0.55	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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AMBULANCE & HOME LAB SERVICES : 9980233149



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BIOCHEMISTRY

Test Description	Value(s)	Reference Range
CREATININE - BODY FLUID		
Creatinine (Body fluid)	1.1	Reference Range Not Established mg/dl
Method : Alk. picrate IDMS		

Interpretation :

1. Creatinine is generally regarded as the most useful endogenous substance to measure for the assessment of kidney function.
2. Creatinine measurements are used in the diagnosis and treatment of certain renal diseases, in monitoring renal dialysis and as a calculation basis for measuring other urine analytes.

Increased level is seen in:

Renal function impairment both acute and chronic diseases, postrenal obstruction of urine, decrease in the blood perfusion because of any reason, injury to the muscles (Rhabdomyolysis), dehydration due to loss of body fluids etc.

The decreased level is seen in:

Old-age, decreased muscle mass, pregnancy especially in a first and second trimester, advanced and severe liver disease, inadequate dietary intake etc.

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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).

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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)*	2-3	0 - 5 /hpf
Epithelial Cells*	2-3	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

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BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Fasting Glucose- FBS		
Glucose fasting Method : Fluoride Plasma-F, Hexokinase	199	Normal: 70 - 99 Impaired Tolerance: 100-125 Diabetes mellitus: \geq 126 (on more than one occassion) (American diabetes association guidelines 2018)

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CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Glucose - Post Prandial(PP)		
Blood Glucose-Post Prandial* Method : Plasma - P, Hexokinase	300	70-140 mg/dL

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000217424

CLINICAL BIOCHEMISTRY

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

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BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LFT - LIVER FUNCTION TEST			
Bilirubin - Total Method : Serum, Jendrassik Grof	0.6	0.3 - 1.2	mg/dL
Bilirubin - Direct Method : Serum, Diazotization	0.2	0.0 - 0.5	mg/dL
Bilirubin - Indirect Method : Serum, Calculated	0.40	0.1 - 1.0	mg/dL
SGOT Method : Serum, UV with P5P, IFCC 37 degree	19	<55	U/L
SGPT Method : Serum, UV with P5P, IFCC 37 degree	20	<55	U/L
SGOT/SGPT Method : calculated	0.95	0.7 - 1.4	ratio
GGT-Gamma Glutamyl Transpeptidase Method : Serum, G-glutamyl-carboxy-nitroanilide	26	< 55	U/L
Alkaline Phosphatase-ALPI Method : Serum, PNPP, AMP Buffer, IFCC 37 degree	67	30-120	U/L
Total Protein Method : Serum, Biuret, reagent blank end point	6.7	6.4 - 8.3	g/dL
Albumin Method : Serum, Bromocresol purple	3.5	3.5 - 5.2	g/dL
Globulin Method : Calculated	3.20	2.3 - 3.5	g/dL
A/G Ratio Method : Calculated	1.09	1.0 - 1.8	ratio

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CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range
Blood Urea Nitrogen (BUN)		
UREA* Method : Serum,Urease	13.9	17 - 43 mg/dL
BUN* Method : Serum,Calculated	6.50	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

Dr. Guruprasad
Consultant Pathologist
Kmc 96510





NAME: MR. N V MITHUN NAYAKA

AGE: 38Y/MALE

REF.BY: MEDIWHEEL

DATE:22/06/2024

CHEST X - RAY AP VIEW

- Both lung fields appear normal
- Both C.P. angles appears normal.
- Both hilar shadows normal.
- Mediastinal silhouette appears normal.
- Both domes of diaphragm, bony cage and soft tissue appears normal

IMPRESSION

NO SIGNIFICANT ABNORMALITY DETECTED




DR. NAVEEN KUMAR R
CONSULTANT RADIOLOGIST

Dr.NAVEEN KUMAR R
Constiant Radiologist
KMC No.76623

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N V MITTHUN NAYAK

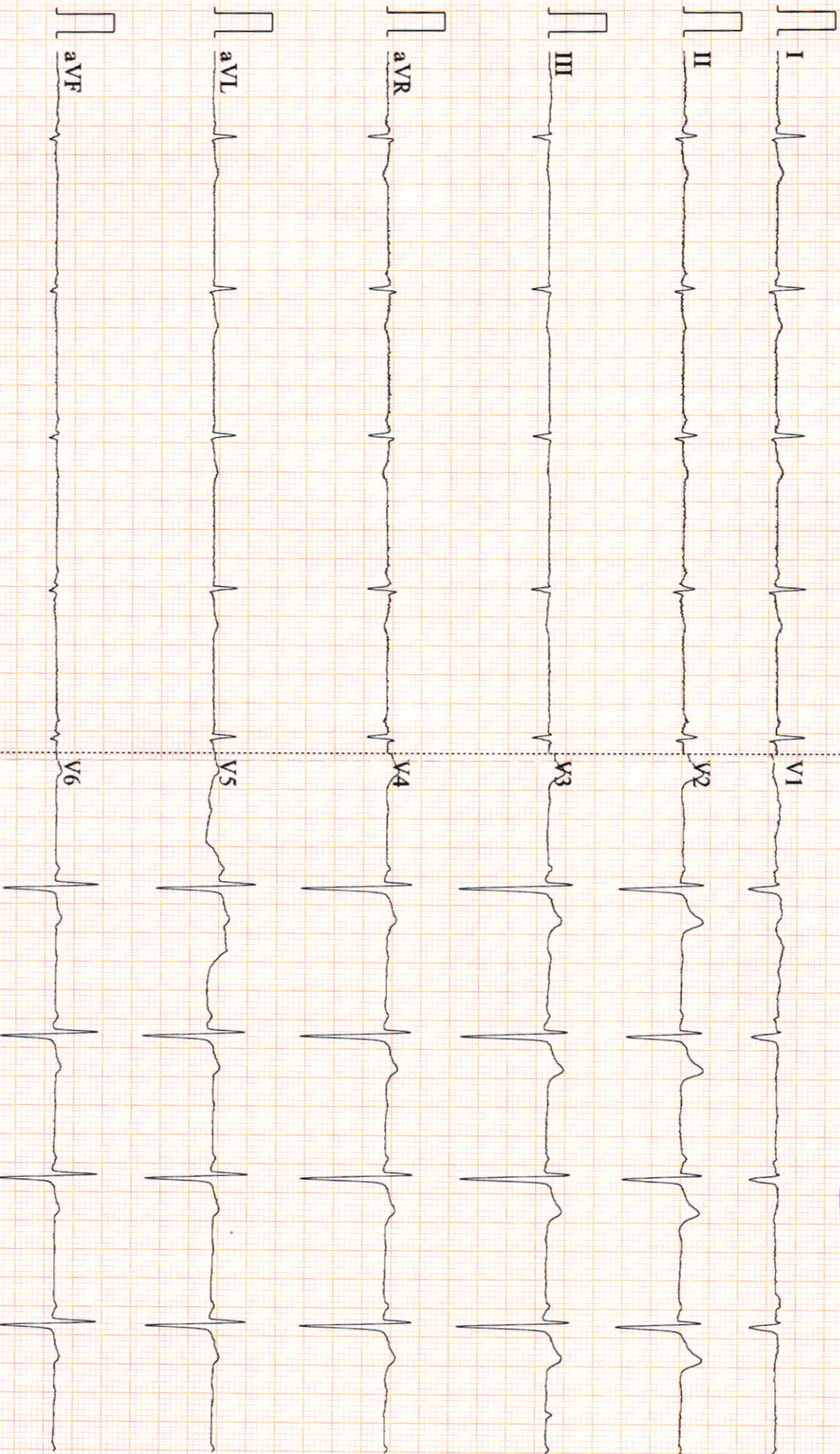
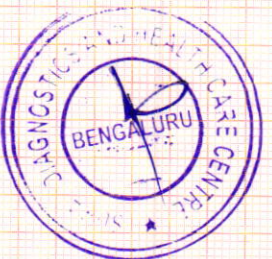
Male 38Years

Req. No. :

HR	: 56	bpm
P	: 118	ms
PR	: 136	ms
QRS	: 98	ms
QT/QTcBz	: 394/381	ms
P/QRS/T	: 50/-5/23	°
RV5/SV1	: 0.634/0.458	mV

Diagnosis Information:
 Sinus bradycardia
 Normal ECG except for rate

Report Confirmed by:





Eye Checkup

YOUR CONTACT INFORMATION

First Name Last Name

Address

City/State Zipcode

Phone Email

1. VISUAL ACUITY

A UNAIDED DV..... RE 6/ LE 6/

B UNAIDED NV..... RE N/ LE 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. *Mithun Nayaka*

date : 20/06/2024

signature :

Breed

Approved

Date

A Unit of Anavady Life Sciences LLP.