Suraj Diagnostics & Health Care Center
#98/99, Sandeep Unnikrishnan Main Road,
MS Palya, Vidyaranyapura Post, Bengaluru - 560097.
080-23644448, 9980233149,
surajdiagnostics21@gmail.com

Patient's name : Mrs Radha Bai

Date : ~~16.12.23~~ 20/9/2024

Age :

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: Tab Kit [illegible] #1 ①

SURAJ DIAGNOSTICS AND HEALTH CARE CENTRE BENGALURU

LAB REPORT

Name : MRS. YEKABOTE RADHA BAI
Age / Gender : 27 years / Female
Sample ID : 3809
Source : MEDIWHEEL

Referral : Dr. MEDIWHEEL
Collection Time : Sep 16, 2024, 12:45 p.m.
Receiving Time : Sep 16, 2024, 03:29 p.m.
Reporting Time : Sep 28, 2024, 12:27 p.m.
Lab Code : 000426024

CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Blood Urea Nitrogen (BUN)			
UREA* Method : Serum,Urease	23.1	17 - 43	mg/dL
BUN* Method : Serum,Calculated	10.79	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

Dr. Guruprasad
Consultant Pathologist
Kmc 96510

LAB REPORT

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Lab Code : 000426024

BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Glycosylated Haemoglobin (HbA1c)			
Glyco Hb (HbA1C) Method : EDTA Whole blood,HPLC	5.2	Non-Diabetic: <=5.6 Pre Diabetic:5.7-6.4 Diabetic: >=6.5	%
Estimated Average Glucose :	102.54		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 glycated 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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BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LFT - LIVER FUNCTION TEST			
Bilirubin - Total	0.50	0.3 - 1.2	mg/dL
Method : Serum, Jendrassik Grof			
Bilirubin - Direct	0.19	0.0 - 0.5	mg/dL
Method : Serum, Diazotization			
Bilirubin - Indirect	0.31	0.1 - 1.0	mg/dL
Method : Serum, Calculated			
SGOT	28.8	<55	U/L
Method : Serum, UV with P5P, IFCC 37 degree			
SGPT	23.0	<55	U/L
Method : Serum, UV with P5P, IFCC 37 degree			
SGOT/SGPT	1.25	0.7 - 1.4	ratio
Method : calculated			
GGT-Gamma Glutamyl Transpeptidae	15.2	< 55	U/L
Method : Serum, G-glutamyl-carboxy-nitoanilide			
Alkaline Phosphatase-ALPI	83.5	30-120	U/L
Method : Serum, PNPP, AMP Buffer, IFCC 37 degree			
Total Protein	6.79	6.4 - 8.3	g/dL
Method : Serum, Biuret, reagent blank end point			
Albumin	4.16	3.5 - 5.2	g/dL
Method : Serum, Bromcresol purple			
Globulin	2.63	2.3 - 3.5	g/dL
Method : Calculated			
A/G Ratio	1.58	1.0 - 1.8	ratio
Method : Calculated			

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BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
LIPID PROFILE			
Cholesterol-Total Method : Serum, Cholesterol oxidase esterase, peroxidase	125.3	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	63.6	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500	mg/dL
Cholesterol-HDL Direct Method : Serum, Direct measure-PEG	40.4	Normal: > 40 Major Heart Risk: < 40	mg/dL
LDL Cholesterol Method : Serum	72.18	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	84.90	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	12.72	6 - 38	mg/dL
CHOL/HDL RATIO Method : calculated	**3.10**	3.5 - 5.0	ratio
LDL/HDL RATIO Method : calculated	1.79	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	0.56	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.

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CLINICAL BIOCHEMISTRY

Test Description	Value(s)	Reference Range	
Uric Acid - Serum			
Uric Acid*	5.38	2.6 - 6.0	mg/dL
Method : Uricase, POD			

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PATHOLOGY

Test Description	Value(s)	Reference Range	
Creatinine, Serum			
Creatinine Method : Serum, Jaffe	0.55	Children(1 yrs - 14 yrs) : 0.30 - 0.70 Adult Male : 0.72 - 1.25 Adult Female : 0.57 - 1.11	mg/dL

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Urea - Serum			
Urea*	23.1	17 - 43	mg/dL
Method : Urease			

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