

Name : Mrs.MEENA  
Age/Gender : 35 Y 0 M 0 D /F  
Ref Doctor : SELF  
Ref.Cust : DR.NEELU CHHABRA  
Client Code : DLF629

UHID No/Visit ID : DLF629.00000557/DLF629.608  
Collected : 08/Aug/2022 03:42PM  
Received : 08/Aug/2022 04:00PM  
Reported : 08/Aug/2022 05:59PM  
Barcode : 3897333

DEPARTMENT OF BIOCHEMISTRY-ROUTINE

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>GLUCOSE - FASTING (FBS) , <i>NAF PLASMA</i></b>				
Fasting Glucose	89	mg/dL	70-110	Hexokinase

**Comment:**

Ref.for Biological Reference Intervals: American Diabetic Assiosation.

A blood glucose test measures the glucose levels in your blood. Glucose is a type of sugar. It is your body's main source of energy.

Symptoms of high blood glucose levels include increased thirst, more frequent urination, Blurred vision, Fatigue, Wounds that are slow to heal.

Symptoms of low blood glucose levels include Anxiety, Sweating, Trembling, Hunger and Confusion.

Blood glucose test is required to check certain risk factors for diabetes. These include Being overweight, Lack of exercise, Family member with diabetes, High blood pressure, Heart disease.

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Dr. A. Kaur

Consultant Pathologist



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DEPARTMENT OF BIOCHEMISTRY-ROUTINE  
DRL CHECK 41

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>KIDNEY BASIC SCREEN , <i>SERUM</i></b>				
Urea	19.3	mg/dL	15-39	Urease
Creatinine	0.72	mg/dL	0.7-1.3	Modified Jaffis
BUN	9.0	mg/dL	7-18	Calculated
BUN/Crea Ratio	12.5			Calculated
Uric Acid	2.7	mg/dL	2.6-6.0	Uricase
Sodium	142	mmol/L	135-150	ISE
Potassium	4.6	mmo/L	3.5-5.0	ISE
Chloride	107	mmol/L	94-110	ISE
Calcium	9.0	mg/dL	8.5-10.1	OCP

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DEPARTMENT OF BIOCHEMISTRY-ROUTINE  
DRL CHECK 41

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>LIPID PROFILE , <i>SERUM</i></b>				
Total Cholesterol	197	mg/dL	Desirable : < 200 Borderline High : 200 - 239 High : > 240	CHOD-POD
HDL Cholesterol	45	mg/dL	Low: < 40 High: > 60	Direct Measurement with DS
Total Triglycerides	170	mg/dL	Desirable Level : 150 Borderline : 150-199 High : 200-499 Very High : 500	Enzymatic-GPO POD
VLDL Cholesterol	34	mg/dL	<=30	Calculated
LDL Cholesterol	118	mg/dL	<100:Optimal	Calculated
Non - HDL Cholesterol	152	mg/dL	<130	Calculated
Chol / HDL Ratio	4.38		Low Risk : 3.3-4.4 Average Risk : 4.5-7.1 Moderate Risk : 7.2-11.0 High Risk : >11.0	Calculated
HDL/LDL Cholesterol Ratio	0.38			Calculated
LDL/HDL Ratio	2.62			Calculated

**Comment:**

A **lipid profile** that measures the amount of cholesterol and fats called triglycerides in the blood. These measurements give the doctor a quick snapshot of what's going on in blood. Cholesterol and triglycerides in the blood can clog arteries, making you more likely to develop heart disease.

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DEPARTMENT OF BIOCHEMISTRY-ROUTINE  
DRL CHECK 41

Test Name	Result	Unit	Bio. Ref. Range	Method
<b>LIVER FUNCTION TEST (LFT) , <i>SERUM</i></b>				
Total Bilirubin	0.4	mg/dL	0.3-1.2	Jendrassik-Grof
Direct Bilirubin	0.1	mg/dL	0-0.3	Diazotization
Indirect Bilirubin	0.3	mg/dL	0.3-1.0	Calculated
SGOT / AST	<b>53</b>	U/L	15-37	UV with P5P
SGPT / ALT	<b>63</b>	U/L	14-59	UV with P5P
Alkaline Phosphatase	117	U/L	53-128	PNPP,AMP Buffer
Total Protein	7.40	g/dl	6.6-8.8	Biurate
Albumin	<b>3.3</b>	g/dL	3.5-5.2	BCG
Globulin	4.1	g/dl	2.5-4.5	CALCULATED
A/G Ratio	0.80			
GAMMA GLUTAMYL TRANSFERASE (GGT)	40.00	U/L	15.0-85.0	

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DEPARTMENT OF BIOCHEMISTRY-SPECIAL  
DRL CHECK 41

Test Name	Result	Unit	Bio. Ref. Range	Method
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THYROID PROFILE-I , *SERUM*

Trilodothyronine Total (TT3)	117.91	ng/dL	60-181	CLIA
Thyroxine (TT4)	10.30	µg/dL	4.5-10.9	CLIA
Thyroid Stimulating Hormone (TSH)	1.26	µIU/ml	0.35-5.5	CLIA
			1st Trimester :0.3 - 4.5	
			2nd Trimester :0.5 - 4.6	
			3rd Trimester :0.8 - 5.2	

Comment:

TSH	Total T4	Total T3	Disease
Normal	Normal	Normal	None
Low	High	High	Hyperthyroidism
Low	Normal	Normal	Subclinical Hyperthyroidism
Low	Normal	High	T3 Toxicosis
Low	High	Normal	Thyroiditis, T4 ingestion, hyperthyroidism in the elderly or with comorbid illness
Low	Low	Low	Euthyroid sick syndrome; central hypothyroidism
High	Normal	Normal	Subclinical hypothyroidism; recovery from euthyroid sick syndrome.

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\*\*\* End Of Report \*\*\*

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