

**DEPARTMENT OF BIOCHEMISTRY**

Patient Name : Mrs. RITU SAROHA  
 MR No : 39105  
 Age/Sex : 32 Years / Female  
 Type : OPD  
 TPA/Corporate : MEDIWHEEL  
 IP No. :  
 Bill Date : 13/04/2024  
 Reporting Date : 13/04/2024  
 Sample ID : 207747  
 Bill/Req. No. : 24391069  
 Ref Doctor : Dr. Pulkit Sharma

Test	Result	Bio. Ref. Interval	Units
<b>BLOOD GLUCOSE FASTING AND PP</b>			
PLASMA GLUCOSE(FASTING)	99	70 - 110	mg/dl
PLASMA POST-GLUCOSE	122	80 - 150	mg/dL

**BLOOD GROUP**

BLOOD GROUP	" B " RH NEGATIVE
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**COMPLETE HAEMOGRAM**

<b>CBC</b>			
HAEMOGLOBIN	14.6	12.0 - 16.5	g/dL
TOTAL LEUCOCYTE COUNT	6200	4000 - 11000	/cumm
RED BLOOD CELL COUNT	4.92	4.0 - 6.0	millions/cumm
PCV (HAEMATOCRIT)	46.2	35.0 - 47.0	%
MEAN CORPUSCULAR VOLUME	92.0	78 - 98	fL
MEAN CORPUSCULAR HAEMOGLOBIN	29.7	26.5 - 32.5	Picogrames
MEAN CORPUSCULAR HB CONC	<b>31.6</b>	32 - 37	g/dL
PLATELET COUNT	2.28	1.50 - 4.50	Lakh/cumm
NEUTROPHILS	61	40 - 73.0	%
LYMPHOCYTES	32	20 - 40	%
EOSINOPHILS	01	0.0 - 6.0	%
MONOCYTES	06	2.0 - 10.0	%
BASOPHILS	00	0.0 - 1.0	%
ABSOLUTE NEUTROPHIL	3782	2000 - 7000	cells/cumm
ABSOLUTE LYMPHOCYTE	1984	1000 - 3000	cells/cumm
ABSOLUTE EOSINOPHIL	62	20 - 500	cells/cumm
ABSOLUTE MONOCYTES	372	200 - 1000	cells/cumm
ABSOLUTE BASOPHILS	<b>0</b>	20 - 100	cells/cumm

Checked By:



**Dr. Pradip Kumar**  
(Consultant Microbiologist)

**Dr. Nisha Rana**  
(Consultant Pathologist)

**DEPARTMENT OF HAEMATOLOGY**

**Patient Name** : Mrs. RITU SAROHA  
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Test	Result	Bio. Ref. Interval	Units
RDW-CV	12.7	11.5 - 14.5	%
E.S.R.	10	0 - 15	mm/hr

**HBA1C**

HBA1C 4.9 %

**Note** : HBA1c result is suggestive of Diabetes/ higher than glycemic goal in a known Diabetic patient.  
Please note, glycemic goal should be individualized based on duration of diabetes, age/life expectancy, comorbid conditions, known CVD or advanced microvascular complications, hypoglycaemia unawareness, and individual patient considerations.  
Please Correlate Clinically.

**KFT(KIDNEY FUNCTION TEST)/RFT/Renal Profile**

SERUM UREA	22	13.0 - 45.0	mg/dL
SERUM CREATININE	0.7	0.5 - 1.2	mg/dL
SERUM URIC ACID	4.9	2.5 - 6.8	mg/dL
SERUM SODIUM	138	130 - 149	mmol/L
SERUM POTASSIUM	4.6	3.5 - 5.5	mmol/L

**LFT(LIVER FUNCTION TEST)**

LFT			
TOTAL BILIRUBIN	0.7	0.1 - 1.2	mg/dL
DIRECT BILIRUBIN	0.3	0.00 - 0.30	mg/dL
INDIRECT BILIRUBIN	0.4	Adult: 0 - 0.8	mg/dL
SGOT (AST)	25	0.0 - 45	IU/L
SGPT (ALT)	28	00 - 45.00	IU/L
ALP	69	41 - 137	U/L
TOTAL PROTEINS	7.2	6.0 - 8.2	g/dL

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## DEPARTMENT OF BIOCHEMISTRY

**Patient Name** : Mrs. RITU SAROHA  
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Test	Result	Bio. Ref. Interval	Units
ALBUMIN	4.2	3.20 - 5.00	g/dL
GLOBULIN	3.0	2.0 - 3.50	g/dL
A/G RATIO	1.4		

## LIPID PROFILE

### LIPID PROFILE

SERUM CHOLESTROL	<b>218</b>	<i>H</i>	0 - 200	mg/dl
SERUM TRIGLYCERIDES	<b>153</b>	<i>H</i>	Up to 150	mg/dl
HDL CHOLESTEROL	50		30 - 60	mg/dl
VLDL CHOLESTEROL	30.6		*Less than 30	mg/dL
LDL CHOLESTEROL	137.4		Optimal <100, Above Opt. 100-129 -high 160-189	mg/dl
LDL CHOLESTEROL/HDL RATIO	2.75		Desirable Level : 0.5 - 3.0 Borderline Risk : 3.0 - 6.0 High Risk : > 6.0	

## URINE ROUTINE EXAMINATION

### PHYSICAL EXAMINATION

VOLUME	10		ml
COLOUR	Pale Yellow	Pale Yellow	
APPEARANCE	SLIGHTLY TURBID	Clear	

### CHEMICAL EXAMINATION

REACTION	Acidic		
BLOOD	NIL		
ALBUMIN	Traces	NIL	
GLUCOSE	NIL	NIL	

### MICROSCOPIC EXAMINATION

PUS CELL	20-25	2-4	/HPF
EPITHELIAL CELLS	2-3	2-4	/HPF
RED BLOOD CELLS	Nil	NIL	/HPF

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 (Consultant Microbiologist)

**Dr. Nisha Rana**  
 (Consultant Pathologist)

**DEPARTMENT OF CLINICAL PATHOLOGY**

**Patient Name** : Mrs. RITU SAROHA  
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**TPA/Corporate** : MEDIWHEEL  
**IP No.** :

**Bill Date** : 13/04/2024  
**Reporting Date** : 13/04/2024  
**Sample ID** : 207788  
**Bill/Req. No.** : 24391069  
**Ref Doctor** : Dr. Pulkit Sharma

Test	Result	Bio. Ref. Interval	Units
CASTS	NIL	NIL	
CRYSTALS	NIL	NIL	

**Note** : Albumin test positive by Multistrip Method is confirmed by Sulphosalicylic acid method.

**\*\*\*\*\* END OF THE REPORT \*\*\*\*\***

Checked By :



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(Consultant Microbiologist)

**Dr. Nisha Rana**  
(Consultant Pathologist)



<b>Lab No.</b>	012404130781	<b>Age/Gender</b>	34 YRS/FEMALE	<b>Coll. On</b>	13/Apr/2024 06:15PM
<b>Name</b>	Ms. RITU SAROHA 39105	<b>BarcodeNo</b>	01130781	<b>Reg. On</b>	13/Apr/2024
<b>Ref. Dr.</b>				<b>Approved On</b>	13/Apr/2024 07:45PM
<b>Rpt. Centre</b>	HEALPLUS LABS PRIVATE LIMITED			<b>Printed On</b>	23/Apr/2024 04:58PM

Test Name	Value	Unit	Biological Reference Interval
<b>Thyroid profile, Total (T3,T4,TSH)</b>			
T3 (Triiodothyronine) , serum Method : ECLIA	1.66	ng/mL	0.80 - 2.0
T4 (Thyroxine) , serum Method : ECLIA	8.20	ug/dL	5.1 - 14.1
TSH (Thyroid Stimulating Hormone) , serum Method : ECLIA	1.89	uIU/ml	0.27 - 4.2

**Interpretation:**

- Primary hyperthyroidism is accompanied by elevated serum T3 and T4 values alongwith depressed TSH levels
- Primary hypothyroidism is accompanied by depressed serum T3 and T4 values and elevated serum TSH levels.
- High T3 levels coupled with normal T4 and suppressed TSH may be seen in T3 toxicosis.

**Note:** Total T3 and total T4 are highly bound to plasma proteins and are amenable to fluctuations with plasma protein content as well as due to binding defects in the thyroid hormone binding proteins.

The following ranges are recommended for pregnant females:

Gestation period	TSH (uIU/ml)
First trimester	0.1 - 2.5
Second trimester	0.2 - 3.0
Third trimester	0.3 - 3.0

\*Disclaimer: This is an electronically validated report. If any discrepancy is found, it should be confirmed by the user.  
Processing Centre : Prognosis Laboratories,515-516, Sector-19, Dwarka, Behind Gupta Properties.

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



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