

DEPARTMENT OF BIOCHEMISTRY

Patient Name : Ms. KAJAL MITTAL
MR No : 38741
Age/Sex : 29 Years / Female
Type : OPD
TPA/Corporate : MEDIWHEEL
IP No. :

Bill Date : 02/04/2024
Reporting Date : 02/04/2024
Sample ID : 205893
Bill/Req. No. : 24387471
Ref Doctor : Dr. EMO

Test	Result	Bio. Ref. Interval	Units
BLOOD GLUCOSE FASTING AND PP			
PLASMA GLUCOSE(FASTING)	99	70 - 110	mg/dl
BLOOD GROUP			
BLOOD GROUP	" B " RH POSITIVE		
COMPLETE HAEMOGRAM			
CBC			
HAEMOGLOBIN	12.4	12.0 - 16.5	g/dL
TOTAL LEUCOCYTE COUNT	4300	4000 - 11000	/cumm
RED BLOOD CELL COUNT	4.39	4.0 - 6.0	millions/cumm
PCV (HAEMATOCRIT)	41.4	35.0 - 47.0	%
MEAN CORPUSCULAR VOLUME	94.4	78 - 98	fL
MEAN CORPUSCULAR HAEMOGLOBIN	28.2	26.5 - 32.5	Picogrammes
MEAN CORPUSCULAR HB CONC	30.0 L	32 - 37	g/dL
PLATELET COUNT	2.05	1.50 - 4.50	Lakh/cumm
NEUTROPHILS	55	40 - 73.0	%
LYMPHOCYTES	37	20 - 40	%
EOSINOPHILS	02	0.0 - 6.0	%
MONOCYTES	06	2.0 - 10.0	%
BASOPHILS	00	0.0 - 1.0	%
ABSOLUTE NEUTROPHIL	2365	2000 - 7000	cells/cumm
ABSOLUTE LYMPHOCYTE	1591	1000 - 3000	cells/cumm
ABSOLUTE EOSINOPHIL	86	20 - 500	cells/cumm
ABSOLUTE MONOCYTES	258	200 - 1000	cells/cumm
ABSOLUTE BASOPHILS	0 L	20 - 100	cells/cumm
RDW-CV	13.4	11.5 - 14.5	%

Checked By

Dr. Pradip Kumar
(Consultant Microbiologist)

Dr. Nisha Rana
(Consultant Pathologist)

DEPARTMENT OF HAEMATOLOGY

Patient Name :	Ms. KAJAL MITTAL	Bill Date :	02/04/2024
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Test	Result	Bio. Ref. Interval	Units
HBA1C			
HBA1C	6.1		%

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	29	13.0 - 45.0	mg/dL
SERUM CREATININE	1.0	0.5 - 1.2	mg/dL
SERUM URIC ACID	3.7	2.5 - 6.8	mg/dL
SERUM SODIUM	137	130 - 149	mmol/L
SERUM POTASSIUM	4.6	3.5 - 5.5	mmol/L

LFT(LIVER FUNCTION TEST)

LFT			
TOTAL BILIRUBIN	0.5	0.1 - 1.2	mg/dL
DIRECT BILIRUBIN	0.2	0.00 - 0.30	mg/dL
INDIRECT BILIRUBIN	0.3	Adult: 0 - 0.8	mg/dL
SGOT (AST)	22	0.0 - 45	IU/L
SGPT (ALT)	18	00 - 45.00	IU/L
ALP	109	41 - 137	U/L
TOTAL PROTEINS	7.3	6.0 - 8.2	g/dL
ALBUMIN	4.4	3.20 - 5.00	g/dL
GLOBULIN	2.9	2.0 - 3.50	g/dL
A/G RATIO	1.52		

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Test	Result	Bio. Ref. Interval	Units
LIPID PROFILE			
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SERUM CHOLESTROL	165	0 - 200	mg/dl
SERUM TRIGLYCERIDES	102	Up to 150	mg/dl
HDL CHOLESTEROL	37	30 - 60	mg/dl
VLDL CHOLESTEROL	20.4	*Less than 30	mg/dL
LDL CHOLESTEROL	107.6	Optimal <100, Above Opt. 100-129 -high 160-189	mg/dl
LDL CHOLESTEROL/HDL RATIO	2.91	Desirable Level : 0.5 - 3.0 Borderline Risk : 3.0 - 6.0 High Risk : > 6.0	

STOOL ROUTINE

PHYSICAL EXAMINATION

COLOUR	Brown	Brown
CONSISTENCY	Semi Solid	Formed
MUCUS	NIL	NIL
BLOOD	NIL	NIL

CHEMICAL EXAMINATION

REACTION	Alkaline	Alkaline
OCCULT BLOOD	NEGATIVE	NEGATIVE

MICROSCOPIC EXAMINATION

CYSTS/OVA	NIL	NIL
VEGETATIVE FORMS	NIL	NIL
PUS CELLS	1-2/hpf	NIL
FAT GLOBULES	NIL	NIL
VEGETABLE MATTER	+	NIL
STARCH	NIL	NIL
UNDIGESTED	+	NIL

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DEPARTMENT OF MICROBIOLOGY

Patient Name :	Ms. KAJAL MITTAL	Bill Date :	02/04/2024
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Test	Result	Bio. Ref. Interval	Units
Note : Stool concentration done by Formal either concentration technique.			
URINE ROUTINE EXAMINATION			
PHYSICAL EXAMINATION			
VOLUME	20		ml
COLOUR	Pale Yellow	Pale Yellow	
APPEARANCE	Clear	Clear	
SPECIFIC GRAVITY	1.025		
CHEMICAL EXAMINATION			
REACTION	Acidic		
BLOOD	NIL		
ALBUMIN	NIL	NIL	
GLUCOSE	NIL	NIL	
PH	6.0		
MICROSCOPIC EXAMINATION			
PUS CELL	2-3	2-4	/HPF
EPITHELIAL CELLS	4-5	2-4	/HPF
RED BLOOD CELLS	Nil	NIL	/HPF
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 :



Dr. Pradip Kumar
(Consultant Microbiologist)

Dr. Nisha Rana
(Consultant Pathologist)



Lab No.	012404020840	Age/Gender	29 YRS/MALE	Coll. On	02/Apr/2024 06:05PM
Name	Mr. KAJAL MITTAL 38741	BarcodeNo	01020840	Reg. On	02/Apr/2024
Ref. Dr.				Approved On	02/Apr/2024 07:04PM
Rpt. Centre	HEALPLUS LABS PRIVATE LIMITED			Printed On	23/Apr/2024 04:55PM

Test Name	Value	Unit	Biological Reference Interval
Thyroid profile, Total (T3,T4,TSH)			
T3 (Triiodothyronine) , serum <i>Method : ECLIA</i>	1.19	ng/mL	0.80 - 2.0
T4 (Thyroxine) , serum <i>Method : ECLIA</i>	8.58	ug/dL	5.1 - 14.1
TSH (Thyroid Stimulating Hormone) , serum <i>Method : ECLIA</i>	1.99	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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