



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: Mrs. Swati Dewaji	Age /Gender	: 37 Y(s)/Female
Bill No/ UMR No	: BIL2324032189/KH37165	Referred By	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 16-Aug-23 11:04 am	Report Date	: 16-Aug-23 02:36 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Fasting Plasma Glucose	Plasma	90	< 100 mg/dl	GOD/POD,Colorimetric
Post Prandial Plasma Glucose		124	< 140 mg/dl	GOD/POD, Colorimetric
GLYCOSYLATED HAEMOGLOBIN (HBA1C)				
HbA1c		5.8	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC
COMMENT		Advised HPLC		
LIPID PROFILE				
Total Cholesterol		145	< 200 mg/dl	Enzymatic(CHE/CHO/POD)
Triglycerides		103	< 150 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		37	> 50 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		87.63	< 100 mg/dl	Enzymatic
VLDL Cholesterol		21	< 30 mg/dl	Calculated
Tot Chol/HDL Ratio		4	3 - 5	Calculation
RFT				
Blood Urea		18	15.0 - 36.0 mg/dl	Urease with indicator dye
Creatinine		0.7	0.52 - 1.04 mg/dl	Enzymatic (creatinine amidohydrolase)
GFR		114.2		Calculation by CKD-EPI 2021
Sodium		143	136 - 145 mmol/L	Direct ion selective electrode
Potassium		4.24	3.5 - 5.1 mmol/L	Direct ion selective electrode
LIVER FUNCTION TEST(LFT)				
Total Bilirubin		0.41	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		0.37	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		0.04	0.1 - 1.1 mg/dl	Duel wavelength spectrophotometric
Alkaline Phosphatase		124	38 - 126 U/L	pNPP/AMP buffer
SGPT/ALT		35	13 - 45 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		39	13 - 35 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		6.99	6.3 - 8.2 gm/dl	Biuret (Alkaline cupric sulphate)
Albumin Serum		3.86	3.5 - 5.0 gm/dl	Bromocresol green Dye Binding
Globulin		3.13	2.0 - 4.0 gm/	Calculated
A/G Ratio		1.2		
URINE SUGAR				
Urine Glucose		Negative		



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THYROID PROFILE				
T3		1.32	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
Free T4		1.25	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence
TSH		2.04	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence

*** End Of Report ***



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BLOOD BANK

Patient Name	: Mrs. Swati Dewaji	Age /Gender	: 37 Y(s)/Female
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<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	
BLOOD GROUPING AND RH			
BLOOD GROUP.		" B "	Gel Card Method
Rh (D) Typing.		" Positive "(+Ve)	
		*** End Of Report ***	



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF PATHOLOGY

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HAEMOGRAM				
Haemoglobin		10.5 gm%	12.0 - 15.0 gm%	Photometric
Haematocrit(PCV)		35.2 %	36.0 - 46.0 %	Calculated
RBC Count		5.55 Millions/cumm	3.8 - 4.8 Millions/cumm	Photometric
Mean Cell Volume (MCV)		63 fl	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		18.9 pg	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		29.8 g/l	31.5 - 35.0 g/l	Calculated
RDW		19.1 %	11.5 - 14.0 %	Calculated
Platelet count		338 10 ³ /cumm	150 - 450 10 ³ /cumm	Impedance
WBC Count		6800 cells/cumm	4000 - 11000 cells/cumm	Impedance
<u>DIFFERENTIAL COUNT</u>				
Neutrophils	Blood	64.0 %	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes		28.5 %	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils		3.7 %	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes		3.7 %	2 - 10 %	Flow Cytometry/Light microscopy
Basophils		0.1 %	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count		4352 /cumm	2000 - 7000 /cumm	Calculated
Absolute Lymphocyte Count		1938 /cumm	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		251.6 /cumm	20 - 500 /cumm	Calculated
Absolute Monocyte Count		251.6 /cumm	200 - 1000 /cumm	Calculated
Absolute Basophil Count		6.8 /cumm	0 - 100 /cumm	Calculated
<u>PERIPHERAL SMEAR</u>				
RBC	Blood	Microcytosis +(Few), Hypochromia +(Few), Anisocytosis ++ (11%-20%)		Light microscopy
WBC		As Above		
Platelets		Adequate		
E S R		27 mm/hr	0 - 20 mm/hr	Automated Westergren's Method
Comment		Mentzer Index: 11.3 Advise HPLC.		
URINE MICROSCOPY				
<u>PHYSICAL EXAMINATION</u>				
Volume	Urine	10 ml		
Colour.		Pale yellow		
Appearance		Slightly Hazy		
<u>CHEMICAL EXAMINATION</u>				
Reaction (pH)	Urine	5.0	4.6 - 8.0	Indicators
Specific gravity		1.020	1.005 - 1.025	ion concentration
Urine Protein		2+ (Approx 75mg/dl)		protein error of pH indicator
Sugar		Negative		GOD/POD
Billirubin		Negative		Diazonium



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<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
Ketone Bodies		Negative	Legal's est Principle
Nitrate		Negative	
Urobilinogen		Normal	Ehrlich's Reaction
<u>MICROSCOPIC EXAMINATION</u>			
Epithelial Cells	Urine	0-1	0 - 4 /hpf
R.B.C.		51-100	0 - 4 /hpf
Pus Cells		11-20	0 - 4 /hpf
Casts		Absent	
Crystals		Uric acid	
Others		Bacteria present.	
<u>USF (URINE SUGAR FASTING)</u>			
Urine Glucose	Urine	Negative	GOD/POD
*** End Of Report ***			

Suggested Clinical Correlation * If necessary, Please discuss

Verified By : : 11100370

Test results related only to the item tested.

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Dr. Anuradha Deshmukh, MBBS,MD
CONSULTANT MICROBIOLOGIST