



CLINICAL DIAGNOSTIC LABORATORY

DEPARTMENT OF BIOCHEMISTRY

Patient Name	: Mr. RUPESH SINGDEO	Age /Gender	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324032188/UMR2324016196	Referred By	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 16-Aug-23 11:11 am	Report Date	: 16-Aug-23 02:41 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
Fasting Plasma Glucose	Plasma	83	< 100 mg/dl	GOD/POD,Colorimetric
Post Prandial Plasma Glucose		111	< 140 mg/dl	GOD/POD, Colorimetric
GLYCOSYLATED HAEMOGLOBIN (HBA1C)				
HbA1c		5.9	Non-Diabetic : <= 5.6 % Pre-Diabetic : 5.7 - 6.4 % Diabetic : >= 6.5 %	HPLC
LIPID PROFILE				
Total Cholesterol		231	< 200 mg/dl	Enzymatic(CHE/CHO/POD)
Triglycerides		189	< 150 mg/dl	Enzymatic (Lipase/GK/GPO/POD)
HDL Cholesterol Direct		44	> 40 mg/dl	Phosphotungstic acid/mgcl-Enzymatic (microslide)
LDL Cholesterol Direct		149.52	< 100 mg/dl	Enzymatic
VLDL Cholesterol		38	< 30 mg/dl	Calculated
Tot Chol/HDL Ratio		5	3 - 5	Calculation
RFT				
Blood Urea		21	19.0 - 43.0 mg/dl	Urease with indicator dye
Creatinine		0.9	0.66 - 1.25 mg/dl	Enzymatic (creatinine amidohydrolase)
GFR		110.0		Calculation by CKD-EPI 2021
Sodium		141	136 - 145 mmol/L	Direct ion selective electrode
Potassium		3.86	3.5 - 5.1 mmol/L	Direct ion selective electrode
LIVER FUNCTION TEST(LFT)				
Total Bilirubin		1.49	0.2 - 1.3 mg/dl	Azobilirubin/Dyphylline
Direct Bilirubin		0.47	0.1 - 0.3 mg/dl	Calculated
Indirect Bilirubin		1.02	0.1 - 1.1 mg/dl	Duel wavelength spectrophotometric
Alkaline Phosphatase		125	38 - 126 U/L	pNPP/AMP buffer
SGPT/ALT		89	10 - 40 U/L	Kinetic with pyridoxal 5 phosphate
SGOT/AST		64	15 - 40 U/L	Kinetic with pyridoxal 5 phosphate
Serum Total Protein		7.68	6.3 - 8.2 gm/dl	Biuret (Alkaline cupric sulphate)
Albumin Serum		4.60	3.5 - 5.0 gm/dl	Bromocresol green Dye Binding
Globulin		3.09	2.0 - 4.0 gm/	Calculated
A/G Ratio		1.5		
URINE SUGAR				
Urine Glucose		Negative		



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<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
THYROID PROFILE				
T3		0.995	0.55 - 1.70 ng/ml	Enhanced chemiluminescence
Free T4		0.79	0.80 - 1.70 ng/dl	Enhanced Chemiluminescence
TSH		3.13	0.50 - 4.80 uIU/ml	Enhanced chemiluminescence
PSA (Total)		0.759	< 4 ng/ml	Enhanced chemiluminescence

*** End Of Report ***



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DEPARTMENT OF BLOOD BANK

Patient Name	: Mr. RUPESH SINGDEO	Age /Gender	: 41 Y(s)/Male
Bill No/ UMR No	: BIL2324032188/UMR2324016196	Referred By	: Dr. Vimmi Goel MBBS,MD
Received Dt	: 16-Aug-23 11:11 am	Report Date	: 16-Aug-23 02:36 pm

<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

Patient Name	: Mr. RUPESH SINGDEO	Age /Gender	: 41 Y(s)/Male
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Received Dt	: 16-Aug-23 11:11 am	Report Date	: 16-Aug-23 02:48 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Biological Reference</u>	<u>Method</u>
HAEMOGRAM				
Haemoglobin		14.0 gm%	13.0 - 17.0 gm%	Photometric
Haematocrit(PCV)		45.1 %	40.0 - 50.0 %	Calculated
RBC Count		6.08 Millions/cumm	4.5 - 5.5 Millions/cumm	Photometric
Mean Cell Volume (MCV)		74 fl	83 - 101 fl	Calculated
Mean Cell Haemoglobin (MCH)		23.0 pg	27 - 32 pg	Calculated
Mean Cell Haemoglobin Concentration (MCHC)		31.1 g/l	31.5 - 35.0 g/l	Calculated
RDW		16.8 %	11.5 - 14.0 %	Calculated
Platelet count		206 10^3 /cumm	150 - 450 10^3 /cumm	Impedance
WBC Count		6400 cells/cumm	4000 - 11000 cells/cumm	Impedance
<u>DIFFERENTIAL COUNT</u>				
Neutrophils	Blood	55.8 %	50 - 70 %	Flow Cytometry/Light microscopy
Lymphocytes		36.4 %	20 - 40 %	Flow Cytometry/Light microscopy
Eosinophils		2.6 %	1 - 6 %	Flow Cytometry/Light microscopy
Monocytes		5.2 %	2 - 10 %	Flow Cytometry/Light microscopy
Basophils		0.0 %	0 - 1 %	Flow Cytometry/Light microscopy
Absolute Neutrophil Count		3571.2 /cumm	2000 - 7000 /cumm	Calculated
Absolute Lymphocyte Count		2329.6 /cumm	1000 - 4800 /cumm	Calculated
Absolute Eosinophil Count		166.4 /cumm	20 - 500 /cumm	Calculated
Absolute Monocyte Count		332.8 /cumm	200 - 1000 /cumm	Calculated
Absolute Basophil Count		0 /cumm	0 - 100 /cumm	Calculated
<u>PERIPHERAL SMEAR</u>				
WBC	Blood	As Above		
Platelets		Adequate		
E S R		06 mm/hr	0 - 15 mm/hr	Automated Westergren's Method
URINE MICROSCOPY				
<u>PHYSICAL EXAMINATION</u>				
Volume	Urine	30 ml		
Colour.		Yellow		
Appearance		Clear		
<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		1+ (Approx 25mg/dl)		protein error of pH indicator
Sugar		Negative		GOD/POD
Billirubin		Negative		
Ketone Bodies		Negative		Legal's est Principle
Nitrate		Negative		
Urobilinogen		Normal		Ehrlich's Reaction



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Received Dt	: 16-Aug-23 12:36 pm	Report Date	: 16-Aug-23 04:05 pm

<u>Parameter</u>	<u>Specimen</u>	<u>Results</u>	<u>Method</u>
<u>MICROSCOPIC EXAMINATION</u>			
Epithelial Cells	Urine	0-1	0 - 4 /hpf
R.B.C.		5-10	0 - 4 /hpf
Pus Cells		1-2	0 - 4 /hpf
Casts		Absent	
Crystals		Absent	

*** 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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CONSULTANT MICROBIOLOGIST