

Patient Name : Mrs. VANDANA GOEL
Age / Gender : 44 / Female
Referred By : Dr. PRATIBHA PUNDHIR
Req.No : 2323484
Patient Type : OPD

UHID : 34344
IPNO :
Requisitions : 23/03/2023 / 9.25 AM
Sample collection : 23/03/2023
Sample Receiving : 23/03/2023
Reported on : 23/03/2023 / 1.23 PM

BIOCHEMISTRY

BLOOD SUGAR FASTING

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
Plasma glucose(fasting.)	84.30	mg/dl	70 - 110	GOD-POD Hexokinase

-** End of Report ****-**

Please Correlate With Clinical Findings

Lab Technician **Dr. GAURVI PIPLANI**
 MD (Pathology)

Dr. KANIKA GUPTA
MD (Pathology)

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HAEMATOLOGY

COMPLETE HAEMOGRAM (CBC ESR)

Specimen Type : Whole Blood

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REF. INTERVAL	METHOD
Haemoglobin	13.7	gm/dl	11.5 - 16.5	Cyanide-Free Colorimetry
Total Leucocyte Count	7400		4000 - 11000	Impedance Variation
<u>DIFFERENTIAL COUNT</u>				
Neutrophils.	55	%	40.0 - 75.0	Flow Cytometry
Lymphocytes.	35	%	20.0 - 45.0	Flow Cytometry
Monocytes	08	%	2.0 - 10.0	Flow Cytometry
Eosinophils.	02	%	0.0 - 4.0	Flow Cytometry
Basophils	00	%	0.0 - 1.0	Flow Cytometry
Platelet Count	3.03	1000/cumm	1.50 - 4.50	Electrical Impedance
RED BLOOD CELL COUNT	4.39	millions/cum m	3.5 - 5.5	Electrical Impedance
PACKED CELL VOLUME	42.2	%	36 - 46	Calculated
MEAN CORPUSCULAR VOLUME	96.1	fL	76 - 96	Measured
MEAN CORPUSCULAR HAEMOGLOBIN	31.2	pg	27 - 32	Calculated
MEAN CORPUSCULAR Hb CONC	32.5	gm/dl	33 - 37	Calculated

-**** End of Report ****-

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HAEMATOLOGY

HBA1C

Specimen Type

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REFERENCE	METHOD
Glycosylated Haemoglobin (Hb A1c)	5.2	%	NON DIABETIC:<5 .7 PRE DIABETIC:5.7 - 6.4DIABETIC S: >OR 6.5ADA	Latex immunoagglutination inhibition methodology

*Done on DCA Vantage

*Results of these tests should always be interpreted in conjunction with patients medical history, clinical presentation and other findings.

*The results of HbA1c are not influenced by recent meals , physical activity or emotional stress.

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BIOCHEMISTRY

KFT(KIDNEY FUNCTION TEST)/RFT/Renal Profile

Specimen Type	Serum	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD	
Urea Creatinine					
Serum Urea	14.53	mg/dl	13 - 45	UreaseGLDH	
Serum Creatinine	0.93	mg/dL	Male: 0.6 - 1.3	Modified JAFFEs	
Serum Uric Acid	4.40	mg/dl	Adult Female: 2.6 - 6.0	Uricase Trinder, End Point (Toos)	
Serum Sodium	142.2	meq/l	135 - 155	ISE Indirect	
Serum Potassium	4.25	meq/l	3.5 - 5.6	ISE Indirect	

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*Performed on fully Automated Dimension X-Pand plus BioChemistry Analyser.

*External Quality Control by Biorad Laboratory.

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BIOCHEMISTRY

LFT(LIVER FUNCTION TEST)

Specimen Type	Serum	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD	
TOTAL BILIRUBIN	0.40	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid	
DIRECT BILIRUBIN	0.26	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid	
INDIRECT BILIRUBIN	0.14	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid	
SGOT (AST)	27.12	IU/L	0 - 35	IFCC WPP AMP	
SGPT (ALT)	18.85	IU/L	5 - 40	IFCC WPP AMP	
Alkaline Phosphatase	78.20	IU/L	Adult: 50 - 136	Modified IFCC	
Total Protein	6.82	g/dl	6.4-8.2	Biuret Endpoint	
Albumin - Serum	4.17	g/DL	3.2 - 5.0	Photometric Column test BCG Dye	
Globulin	2.65	gms%	2.3 - 4.5		

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BIOCHEMISTRY

LIPID PROFILE.(TOTAL CHOLESTEROL,LDL,HDL,TREIGYLCERIDES)

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
<u>LIPID PROFILE</u>				
SERUM CHOLESTROL	185.89	mg/dl	0 - 200	Cholestrol Oxidase
Serum Triglycerides	137.07	mg/dl	Up to 150	GPO -Trinder
HDL Cholesterol	44.70	mg/dl	0 - >60	Direct Method
LDL Cholesterol	113.78	mg/dl	Optimal <100,Above Opt. 100-129 -high 160-189	Direct Measure
VLDL Cholesterol	27.41	mg/dL	*Less than 30	Calculated

*Automated Direct HDL And LDL Estimation.

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-** End of Report ****-**

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IMMUNOLOGY

THYROID PROFILE

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
Tri-iodothyronine (T3)	2.14	ng/mL	0.69 - 2.15	CLIA
Thyroxine (T4)	95.6	ng/mL	52 - 127	CLIA
Thyroid Stimulating Hormone (TSH)	2.82	µIU/mL	0.3 - 4.5	CLIA

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CLINICAL PATHOLOGY

URINE ROUTINE MICROSCOPY

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
<u>PHYSICAL EXAMINATION</u>				
volume	20	ml		
colour	Pale Yellow		Pale Yellow	
Appearance	Clear		Clear	
Specific Gravity	1.030			Polyelectrolytes Ionic
reaction	Acidic		Acidic	
pH -Urine	5.0			PH paper
Albumin	NIL		NIL	Protein-error-of-Indicator/Sulphosalicylic Acid
Glucose	NIL		NIL	GODPOD/Benedicts
Bile Salt	NIL		NIL	
Bile Pigment	NIL		NIL	Diazo/Fouchets Test
Urobilinogen	NIL		NIL	Elrich Aldehyde

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CLINICAL PATHOLOGY

MICROSCOPIC EXAMINATION

PUS CELLS - URINE	1-2		
Red blood cells	Nil	NIL	
Epithelial Cells - Urine	1-2	4---5/HPF	
Casts	NIL	NIL	Microscopic
Crystals.	NIL	NIL	Microscopic

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

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