

Patient Name : Mr. RAM SINGH UHID : 34006
Age / Gender : 57 / Male IPNO :
Referred By : Dr. Varun Gupta Requisitions : 11/03/2023 / 9.38 AM
Req.No : 2318974 Sample collection : 11/03/2023
Patient Type : OPD Sample Receiving : 11/03/2023
Reported on : 11/03/2023 / 12.36 PM

BIOCHEMISTRY

BLOOD GROUP And RH TYPE

Specimen Type :

BIOLOGICAL

TEST NAME	RESULT	UNITS	REF. INTERVAL	METHOD
Blood Group	" O " RH POSITIVE			MATRIX GEL ABO/Rho (D) FORWARD & REVERSE GROUPING

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

Please Correlate With Clinical Findings

Lab Technician Dr. GAURVI PIPLANI
MD (Pathology)

Dr. KANIKA GUPTA
MD (Pathology)

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Reported on : 11/03/2023 / 3.21 PM

BIOCHEMISTRY

BLOOD SUGAR FASTING

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
Plasma glucose(fasting.)	94.1	mg/dl	70 - 110	GOD-POD Hexokinase

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

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BIOCHEMISTRY

BSPP (BLOOD SUGAR PP)

Specimen Type

BIOLOGICAL

TEST NAME

RESULT

UNITS

REFERENCE

METHOD

FASTING PP

Plasma Glucose(POST Prandial)

80.62

mg/dl

90 - 140

GOD-POD Hexokinase

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

*External Quality Control by Biorad Laboratory.

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

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HAEMATOLOGY

COMPLETE HAEMOGRAM (CBC ESR)

Specimen Type : Whole Blood

TEST NAME	RESULT	UNITS	REF. INTERVAL	BIOLOGICAL METHOD
Haemoglobin	13.8	gm/dl	13.0 - 17.5	Cyanide-Free Colorimetry
Total Leucocyte Count	5800		4000 - 11000	Impedance Variation
<u>DIFFERENTIAL COUNT</u>				
Neutrophils.	48	%	40.0 - 75.0	Flow Cytometry
Lymphocytes.	38	%	20.0 - 45.0	Flow Cytometry
Monocytes	12	%	2.0 - 10.0	Flow Cytometry
Eosinophils.	02	%	0.0 - 4.0	Flow Cytometry
Basophils	00	%	0.0 - 1.0	Flow Cytometry
Platelet Count	1.53	1000/cumm	1.50 - 4.50	Electrical Impedance
RED BLOOD CELL COUNT	4.26	millions/cum m	3.5 - 5.5	Electrical Impedance
PACKED CELL VOLUME	41.4	%	36 - 46	Calculated
MEAN CORPUSCULAR VOLUME	97.1	fL	76 - 96	Measured
MEAN CORPUSCULAR HAEMOGLOBIN	32.4	pg	27 - 32	Calculated
MEAN CORPUSCULAR Hb CONC	33.3	gm/dl	33 - 37	Calculated

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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	17.8	mg/dl	13 - 45	UreaseGLDH	
Serum Creatinine	1.18	mg/dL	Male: 0.6 - 1.3	Modified JAFFEs	
Serum Uric Acid	5.2	mg/dl	Adult Male: 3.5 - 7.2	Uricase Trinder, End Point (Toos)	
Serum Sodium	140.6	meq/l	135 - 155	ISE Indirect	
Serum Potassium	4.32	meq/l	3.5 - 5.6	ISE Indirect	

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BIOCHEMISTRY

LFT(LIVER FUNCTION TEST)

Specimen Type	Serum	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD	
TOTAL BILIRUBIN	0.72	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid	
DIRECT BILIRUBIN	0.34	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid	
INDIRECT BILIRUBIN	0.38	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid	
SGOT (AST)	21.5	IU/L	0 - 35	IFCC WPP AMP	
SGPT (ALT)	31.5	IU/L	5 - 40	IFCC WPP AMP	
Alkaline Phosphatase	107.4	IU/L	Adult: 50 - 136	Modified IFCC	
Total Protein	6.29	g/dl	6.4-8.2	Biuret Endpoint	
Albumin - Serum	4.31	g/DL	3.2 - 5.0	Photometric Column test BCG Dye	
Globulin	1.98	gms%	2.3 - 4.5		

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HAEMATOLOGY

HBA1C

Specimen Type

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REFERENCE	METHOD
Glycosylated Haemoglobin (Hb A1c)	5.9	%	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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OTHER INVESTIGATIONS

PSA (PROSTATE SPECIFIC ANTIGEN TOTAL)

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
PROSTATE SPECIFIC ANTIGEN(PSA)	1.07	ng/mL	0 - 4.00	CLIA

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IMMUNOLOGY

THYROID PROFILE

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
Tri-iodothyronine (T3)	1.05	ng/mL	0.69 - 2.15	CLIA
Thyroxine (T4)	61.8	ng/mL	52 - 127	CLIA
Thyroid Stimulating Hormone (TSH)	3.48	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	1.025			Polyelectrolytes Ionic
reaction	Acidic		Acidic	
pH -Urine	6.0			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	2-3		
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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