

Patient Name : Mr. KAMAL NAIN KUMAR UHID : 33362
Age / Gender : 36 / Male IPNO :
Referred By : Dr. VISHWAS BHARDWAJ Requisitions : 18/02/2023 / 8.57 AM
Req.No : 2311533 Sample collection : 18/02/2023
Patient Type : OPD Sample Receiving : 18/02/2023
Reported on : 18/02/2023 / 11.26 AM

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 : 18/02/2023 / 2.01 PM

BIOCHEMISTRY

BLOOD SUGAR FASTING

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
Plasma glucose(fasting.)	89.6	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)	86.42	mg/dl	90 - 140	GOD-POD Hexokinase

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

*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	BIOLOGICAL REF. INTERVAL	METHOD
Haemoglobin	14.3	gm/dl	13.0 - 17.5	Cyanide-Free Colorimetry
Total Leucocyte Count	7400		4000 - 11000	Impedance Variation
<u>DIFFERENTIAL COUNT</u>				
Neutrophils.	57	%	40.0 - 75.0	Flow Cytometry
Lymphocytes.	40	%	20.0 - 45.0	Flow Cytometry
Monocytes	02	%	2.0 - 10.0	Flow Cytometry
Eosinophils.	01	%	0.0 - 4.0	Flow Cytometry
Basophils	00	%	0.0 - 1.0	Flow Cytometry
Platelet Count	1.41	1000/cumm	1.50 - 4.50	Electrical Impedance
RED BLOOD CELL COUNT	5.48	millions/cum m	3.5 - 5.5	Electrical Impedance
PACKED CELL VOLUME	51.5	%	36 - 46	Calculated
MEAN CORPUSCULAR VOLUME	94.0	fL	76 - 96	Measured
MEAN CORPUSCULAR HAEMOGLOBIN	26.1	pg	27 - 32	Calculated
MEAN CORPUSCULAR Hb CONC	27.8	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)	5.5	%	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

LFT(LIVER FUNCTION TEST)

Specimen Type	Serum			BIOLOGICAL	
TEST NAME		RESULT	UNITS	REFERENCE	METHOD
TOTAL BILIRUBIN		1.17	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid
DIRECT BILIRUBIN		0.40	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid
INDIRECT BILIRUBIN		0.77	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid
SGOT (AST)		40.5	IU/L	0 - 35	IFCC WPP AMP
SGPT (ALT)		80.3	IU/L	5 - 40	IFCC WPP AMP
Alkaline Phosphatase		92.4	IU/L	Adult: 50 - 136	Modified IFCC
Total Protein		6.54	g/dl	6.4-8.2	Biuret Endpoint
Albumin - Serum		4.66	g/DL	3.2 - 5.0	Photometric Column test BCG Dye
Globulin		1.88	gms%	2.3 - 4.5	

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

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BIOCHEMISTRY

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

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
LIPID PROFILE				
SERUM CHOLESTROL	190.9	mg/dl	0 - 200	Cholestrol Oxidase
Serum Triglycerides	92.5	mg/dl	Up to 150	GPO -Trinder
HDL Cholesterol	36.1	mg/dl	0 - >50	Direct Method
LDL Cholesterol	136.1	mg/dl	Optimal <100,Above Opt. 100-129 -high 160-189	Direct Measure
VLDL Cholesterol	18.5	mg/dL	*Less than 30	Calculated

*Automated Direct HDL And LDL Estimation.

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

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IMMUNOLOGY

T4,TOTAL

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
Tri-iodothyronine (T3)	1.33	ng/mL	0.69 - 2.15	CLIA
Thyroxine (T4)	87.2	ng/mL	52 - 127	CLIA
Thyroid Stimulating Hormone (TSH)	5.37	μIU/mL	0.3 - 4.5	CLIA

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IMMUNOLOGY

TSH TOTAL

Specimen Type

TEST NAME	RESULT	UNITS	REFERENCE INTERVAL	METHOD
Thyroid Stimulating Hormone (TSH)	5.37	µIU/mL	0.3 - 4.5	CLIA

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

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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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