

**Patient Name** : Mr. JASVINDER KUMAR  
**Age / Gender** : 34 / Male  
**Referred By** : Dr. Varun Gupta  
**Req.No** : 2376995  
**Patient Type** : OPD

**UHID** : 38207  
**IPNO** :  
**Requisitions** : 09/09/2023 / 8.38 AM  
**Reported on** : 09/09/2023 / 11.23 AM

**SEROLOGY**

**BLOOD GROUP and RH TYPE**

<b>Specimen Type</b>	<b>BIOLOGICAL</b>			
<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE INTERVAL</b>	<b>METHOD</b>
<b>Blood Group</b>	"AB" RH POSITIVE			MATRIX GEL ABO/Rho (D) FORWARD & REVERSE GROUPING

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

*Please Correlate With Clinical Findings*

**Lab Technician** Dr. NITA YADAV  
MD (Pathology)

**Dr. VISHAL SALHOTRA**  
MD (Pathology)

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**Req.No** : 2376995 Reported on : 09/09/2023 / 4.16 PM  
**Patient Type** : OPD

**BIOCHEMISTRY**

**BSPP (BLOOD SUGAR PP)**

**Specimen Type :**

**BIOLOGICAL**

TEST NAME	RESULT	UNITS	REF. INTERVAL	METHOD
<b>FASTING PP</b>				
<b>Plasma Glucose(POST Prandial)</b>	131.3	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	BIOLOGICAL REF. INTERVAL	METHOD
<b>Haemoglobin</b>	14.4	g/dl	13.0 - 17.5	Cyanide-Free Colorimetry
<b>Total Leucocyte Count</b>	6900	cells/cu.mm	4000 - 10000	Impedance Variation
<b><u>DIFFERENTIAL COUNT</u></b>				
<b>Neutrophils.</b>	60	%	40.0 - 80.0	Flow Cytometry
<b>Lymphocytes.</b>	30	%	20.0 - 40.0	Flow Cytometry
<b>Monocytes</b>	08	%	2.0 - 10.0	Flow Cytometry
<b>Eosinophils.</b>	02	%	1.0 - 6.0	Flow Cytometry
<b>Basophils</b>	00	%	0.0 - 1.0	Flow Cytometry
<b>Platelet Count</b>	162	1000/cumm	150 - 450	Electrical Impedance
<b>RED BLOOD CELL COUNT</b>	<b>3.77</b>	millions/cum m	4.5 - 5.5	Electrical Impedance
<b>PACKED CELL VOLUME</b>	42.5	%	40 - 50	Calculated
<b>MEAN CORPUSCULAR VOLUME</b>	<b>112.8</b>	fL	76 - 100	Measured
<b>MEAN CORPUSCULAR HAEMOGLOBIN</b>	<b>38.2</b>	pg	27 - 32	Calculated
<b>MEAN CORPUSCULAR Hb CONC</b>	33.9	g/dl	32 - 36	Calculated

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

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**Reported on** : 09/09/2023 / 8.07 PM

## HAEMATOLOGY

### HBA1C

**Specimen Type :**

TEST NAME	RESULT	UNITS	BIOLOGICAL REF. INTERVAL	METHOD
<b>Glycosylated Haemoglobin (Hb A1c)</b>	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.

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

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## BIOCHEMISTRY

### KFT(KIDNEY FUNCTION TEST)/RFT/Renal Profile

**Specimen Type** : Serum

TEST NAME	RESULT	UNITS	BIOLOGICAL REF. INTERVAL	METHOD
<b>Urea Creatinine</b>				
<b>Serum Urea</b>	14.4	mg/dl	13 - 45	UreaseGLDH
<b>Serum Creatinine</b>	1.10	mg/dL	Male: 0.6 - 1.3	Modified JAFFES
<b>Serum Uric Acid</b>	5.3	mg/dl	Adult Male: 3.5 - 7.2	Uricase Trinder, End Point (Toos)
<b>Serum Sodium</b>	137.1	meq/l	135 - 155	ISE Indirect
<b>Serum Potassium</b>	<b>3.34</b>	meq/l	3.5 - 5.6	ISE Indirect

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## BIOCHEMISTRY

### LFT(LIVER FUNCTION TEST)

**Specimen Type** : Serum


TEST NAME	RESULT	UNITS	REF. INTERVAL	BIOLOGICAL METHOD
<b>TOTAL BILIRUBIN</b>	<b>1.25</b>	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid
<b>DIRECT BILIRUBIN</b>	<b>0.45</b>	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid
<b>INDIRECT BILIRUBIN</b>	0.80	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid
<b>SGOT (AST)</b>	19.3	IU/L	0 - 35	IFCC WPP AMP
<b>SGPT (ALT)</b>	29.5	IU/L	5 - 40	IFCC WPP AMP
<b>Alkaline Phosphatase</b>	118.3	IU/L	Adult: 50 - 136	Modified IFCC
<b>Total Protein</b>	6.42	g/dl	6.4-8.2	Biuret Endpoint
<b>Albumin - Serum</b>	4.35	g/DL	3.2 - 5.0	Photometric Column test BCG Dye
<b>Globulin</b>	<b>2.07</b>	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 :**

TEST NAME	RESULT	UNITS	REF. INTERVAL	BIOLOGICAL METHOD
<b>LIPID PROFILE</b>				
<b>SERUM CHOLESTROL</b>	187.8	mg/dl	0 - 200	Cholestrol Oxidase
<b>Serum Triglycerides</b>	118.6	mg/dl	Up to 150	GPO -Trinder
<b>HDL Cholesterol</b>	51.4	mg/dl	0 - >50	Direct Method
<b>LDL Cholesterol</b>	112.68	mg/dl	Optimal <100,Above Opt. 100-129 -high 160-189	Direct Measure
<b>VLDL Cholesterol</b>	23.72	mg/dL	*Less than 30	Calculated


\*Automated Direct HDL And LDL Estimation.

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**IMMUNOLOGY**

**THYROID PROFILE**


**Specimen Type :**

<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REF. INTERVAL</b>	<b>METHOD</b>
<b>Tri-iodothyronine (T3)</b>	1.36	ng/mL	0.69 - 2.15	CLIA
<b>Thyroxine (T4)</b>	91.8	ng/mL	52 - 127	CLIA
<b>Thyroid Stimulating Hormone (TSH)</b>	1.59	µIU/mL	0.3 - 4.5	CLIA

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### CLINICAL PATHOLOGY


<b>reaction</b>	Acidic	Acidic	
<b>pH -Urine</b>	5.0		Double Indicator
<b>Blood</b>	Negative	Negative	
<b>Albumin.</b>	NIL	1+(30mg/dl), 2+(100mg/dl) ,3+(300mg/dl) ,4+(>2000/dl) )	Acid/Base Exchange
<b>Glucose</b>	NIL	1+(100mg/dl) ,2+(250mg/dl) ,3+(500mg/dl) ,4+(1000mg/dl)	Oxidase/Peroxidase
<b>Bile Salt</b>	NIL	NIL	
<b>Bile Pigment</b>	NIL	NIL	Diazo/Fouchets Test
<b>Urobilinogen</b>	NIL	NIL	Elrich Aldehyde
<b><u>MICROSCOPIC EXAMINATION</u></b>			
<b>PUS CELLS - URINE</b>	2-3		
<b>Red blood cells</b>	Nil	NIL	
<b>Epithelial Cells - Urine</b>	1-2	4---5/HPF	
<b>Casts</b>	NIL	NIL	Microscopic
<b>Crystals.</b>	NIL	NIL	Microscopic

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

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