

**Patient Name** : Mr. RAMESH KUMAR UHID : 31498  
**Age / Gender** : 42 / Male IPNO :  
**Referred By** : Dr. VISHWAS BHARDWAJ Requisitions : 26/11/2022 / 9.54 AM  
**Req.No** : 2285583 Sample collection : 26/11/2022  
**Patient Type** : OPD Sample Receiving : 26/11/2022  
Reported on : 26/11/2022 / 12.58 PM

**BIOCHEMISTRY**

**BLOOD GROUP And RH TYPE**

**Specimen Type :**

**BIOLOGICAL**

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

Internal Autocontrols are satisfactory.

**-\*\*\*\* 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 : 26/11/2022 / 5.08 PM

**BIOCHEMISTRY**

**BLOOD SUGAR FASTING**

<b>Specimen Type</b>	<b>BIOLOGICAL</b>			
<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE</b>	<b>METHOD</b>
<b>Plasma glucose(fasting.)</b>	90.6	mg/dl	70 - 110	GOD-POD Hexokinase

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

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Reported on : 26/11/2022 / 4.45 PM

**BIOCHEMISTRY**

**BSPP (BLOOD SUGAR PP)**

**Specimen Type**

**BIOLOGICAL**

TEST NAME	RESULT	UNITS	REFERENCE	METHOD
<b>FASTING PP</b>				
<b>Plasma Glucose(POST Prandial)</b>	106.40	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 \*\*\*\***

*Please Correlate With Clinical Findings*

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Reported on : 26/11/2022 / 7.28 PM

**HAEMATOLOGY**

**HBA1C**

**Specimen Type**

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REFERENCE	METHOD
<b>Glycosylated Haemoglobin (Hb A1c)</b>	5.7	%	NON DIABETIC:<5.7 DIABETIC:5.7-6.4 S: >OR 6.5	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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**Reported on** : 26/11/2022 / 3.06 PM

**BIOCHEMISTRY**

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

<b>Specimen Type</b>	<b>Serum</b>	<b>BIOLOGICAL</b>			
<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE</b>	<b>METHOD</b>	
<b>Urea Creatinine</b>					
<b>Serum Urea</b>	14.8	mg/dl	13 - 45	UreaseGLDH	
<b>Serum Creatinine</b>	0.72	mg/dL	Male: 0.6 - 1.3	Modified JAFFEs	
<b>Serum Uric Acid</b>	5.6	mg/dl	Adult Male: 3.5 - 7.2	Uricase Trinder, End Point (Toos)	

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

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## HAEMATOLOGY

### COMPLETE HAEMOGRAM (CBC ESR)

**Specimen Type** : Whole Blood

TEST NAME	RESULT	UNITS	REF. INTERVAL	BIOLOGICAL METHOD
<b>Haemoglobin</b>	15.3	gm/dl	13.0 - 17.5	Cyanide-Free Colorimetry
<b>Total Leucocyte Count</b>	8000	/ $\mu$ L	4000 - 11000	Impedance Variation
<b><u>DIFFERENTIAL COUNT</u></b>				
<b>Neutrophils.</b>	60	%	40.0 - 75.0	Flow Cytometry
<b>Lymphocytes.</b>	30	%	20.0 - 45.0	Flow Cytometry
<b>Monocytes</b>	06	%	2.0 - 10.0	Flow Cytometry
<b>Eosinophils.</b>	04	%	0.0 - 4.0	Flow Cytometry
<b>Basophils</b>	00	%	0.0 - 1.0	Flow Cytometry
<b>Platelet Count</b>	3.45	1000/cumm	1.50 - 4.50	Electrical Impedance
<b>RED BLOOD CELL COUNT</b>	5.11	millions/cum m	3.5 - 5.5	Electrical Impedance
<b>PACKED CELL VOLUME</b>	48.2	%	36 - 46	Calculated
<b>MEAN CORPUSCULAR VOLUME</b>	94.4	fL	76 - 96	Measured
<b>MEAN CORPUSCULAR HAEMOGLOBIN</b>	29.9	pg	27 - 32	Calculated
<b>MEAN CORPUSCULAR Hb CONC</b>	<b>31.7</b>	gm/dl	33 - 37	Calculated

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

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**BIOCHEMISTRY**

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

<b>Specimen Type</b>	<b>BIOLOGICAL</b>			
<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE</b>	<b>METHOD</b>
<b>LIPID PROFILE</b>				
<b>SERUM CHOLESTROL</b>	186.4	mg/dl	0 - 200	Cholestrol Oxidase
<b>Serum Triglycerides</b>	<b>283.2</b>	mg/dl	Up to 150	GPO -Trinder
<b>HDL Cholesterol</b>	42.2	mg/dl	0 - >50	Direct Method
<b>LDL Cholesterol</b>	87.5	mg/dl	Optimal <100,Above Opt. 100-129 -high 160-189	Direct Measure
<b>VLDL Cholesterol</b>	56.6	mg/dL	*Less than 30	Calculated

\*Automated Direct HDL And LDL Estimation.

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

*Please Correlate With Clinical Findings*

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**OTHER INVESTIGATIONS**

**PSA (PROSTATE SPECIFIC ANTIGEN TOTAL)**

<b>Specimen Type</b>	<b>BIOLOGICAL</b>			
<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE</b>	<b>METHOD</b>
<b>PROSTATE SPECIFIC ANTIGEN(PSA)</b>	0.013	ng/mL	0 - 4.00	CLIA

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

*Please Correlate With Clinical Findings*

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**IMMUNOLOGY**

**TSH TOTAL**

<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>Thyroid Stimulating Hormone (TSH)</b>	1.45	µIU/mL	0.3 - 4.5	CLIA

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

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**CLINICAL PATHOLOGY**

**URINE ROUTINE MICROSCOPY**

<b>Specimen Type</b>	<b>BIOLOGICAL</b>			
<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE</b>	<b>METHOD</b>
<b><u>PHYSICAL EXAMINATION</u></b>				
<b>volume</b>	20	ml		
<b>colour</b>	Pale Yellow		Pale Yellow	
<b>Appearance</b>	Clear		Clear	
<b>Specific Gravity</b>	1.030			Polyelectrolytes Ionic
<b>reaction</b>	Acidic		Acidic	
<b>pH -Urine</b>	6.0			PH paper
<b>Albumin</b>	NIL		NIL	Protein-error-of-Indicator/Sulphosalicylic Acid
<b>Glucose</b>	NIL		NIL	GODPOD/Benedicts
<b>Bile Salt</b>	NIL		NIL	
<b>Bile Pigment</b>	NIL		NIL	Diazo/Fouchets Test
<b>Urobilinogen</b>	NIL		NIL	Elrich Aldehyde

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

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