

**Patient Name** : Mr. CHARANJEET SINGH UHID : 34048  
**Age / Gender** : 45 / Male IPNO :  
**Referred By** : Dr. Upendra Kumar Requisitions : 13/03/2023 / 9.19 AM  
**Req.No** : 2319629 Sample collection : 13/03/2023  
**Patient Type** : OPD Sample Receiving : 13/03/2023  
Reported on : 13/03/2023 / 11.57 AM

**BIOCHEMISTRY**

**BLOOD GROUP And RH TYPE**

**Specimen Type :**

**BIOLOGICAL**

TEST NAME	RESULT	UNITS	REF. INTERVAL	METHOD
<b>Blood Group</b>	" A " 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)

**Patient Name** : Mr. CHARANJEET SINGH  
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**Reported on** : 13/03/2023 / 5.08 PM

**BIOCHEMISTRY**

**BLOOD SUGAR RANDOM**

**Specimen Type**

**BIOLOGICAL**

<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE</b>	<b>METHOD</b>
<b>Glucose Random</b>	<b>327.30</b>	mg/dL	70 - 140	GOD-POD Hexokinase

Note: Random Glucose refers to levels between meals with a minimum time lapse of 2 hours.

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

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**MD (Pathology)**

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**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>	<b>184.41</b>	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)**                      **277.61**                      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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   **MD (Pathology)**

**Dr. KANIKA GUPTA**  
**MD (Pathology)**

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<b>Req.No</b> : 2319629	Sample collection	: 13/03/2023
<b>Patient Type</b> : OPD	Sample Receiving	: 13/03/2023
	Reported on	: 13/03/2023 / 12.28 PM

### HAEMATOLOGY

#### COMPLETE HAEMOGRAM (CBC ESR)

**Specimen Type** : Whole Blood

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REF. INTERVAL	METHOD
<b>Haemoglobin</b>	<b>18.6</b>	gm/dl	13.0 - 17.5	Cyanide-Free Colorimetry
<b>Total Leucocyte Count</b>	7700		4000 - 11000	Impedance Variation
<b><u>DIFFERENTIAL COUNT</u></b>				
<b>Neutrophils.</b>	70	%	40.0 - 75.0	Flow Cytometry
<b>Lymphocytes.</b>	21	%	20.0 - 45.0	Flow Cytometry
<b>Monocytes</b>	06	%	2.0 - 10.0	Flow Cytometry
<b>Eosinophils.</b>	03	%	0.0 - 4.0	Flow Cytometry
<b>Basophils</b>	00	%	0.0 - 1.0	Flow Cytometry
<b>Platelet Count</b>	<b>1.32</b>	1000/cumm	1.50 - 4.50	Electrical Impedance
<b>RED BLOOD CELL COUNT</b>	5.34	millions/cum m	3.5 - 5.5	Electrical Impedance
<b>PACKED CELL VOLUME</b>	54.8	%	36 - 46	Calculated
<b>MEAN CORPUSCULAR VOLUME</b>	<b>102.7</b>	fL	76 - 96	Measured
<b>MEAN CORPUSCULAR HAEMOGLOBIN</b>	<b>34.8</b>	pg	27 - 32	Calculated
<b>MEAN CORPUSCULAR Hb CONC</b>	33.9	gm/dl	33 - 37	Calculated

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

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**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>	16.49	mg/dl	13 - 45	UreaseGLDH
<b>Serum Creatinine</b>	0.97	mg/dL	Male: 0.6 - 1.3	Modified JAFFEs
<b>Serum Uric Acid</b>	6.17	mg/dl	Adult Male: 3.5 - 7.2	Uricase Trinder, End Point (Toos)
<b>Serum Sodium</b>	142.3	meq/l	135 - 155	ISE Indirect
<b>Serum Potassium</b>	4.67	meq/l	3.5 - 5.6	ISE Indirect

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

*Please Correlate With Clinical Findings*

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

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## BIOCHEMISTRY

### LFT(LIVER FUNCTION TEST)

Specimen Type	Serum	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD	
<b>TOTAL BILIRUBIN</b>	1.01	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid	
<b>DIRECT BILIRUBIN</b>	<b>0.38</b>	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid	
<b>INDIRECT BILIRUBIN</b>	0.63	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid	
<b>SGOT (AST)</b>	<b>63.67</b>	IU/L	0 - 35	IFCC WPP AMP	
<b>SGPT (ALT)</b>	<b>87.61</b>	IU/L	5 - 40	IFCC WPP AMP	
<b>Alkaline Phosphatase</b>	82.03	IU/L	Adult: 50 - 136	Modified IFCC	
<b>Total Protein</b>	6.77	g/dl	6.4-8.2	Biuret Endpoint	
<b>Albumin - Serum</b>	4.30	g/DL	3.2 - 5.0	Photometric Column test BCG Dye	
<b>Globulin</b>	2.47	gms%	2.3 - 4.5		
<b>A/G Ratio</b>	1.74			Calculated	

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

*Please Correlate With Clinical Findings*

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

**Dr. KANIKA GUPTA**  
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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>	159.81	mg/dl	0 - 200	Cholestrol Oxidase
<b>Serum Triglycerides</b>	<b>282.65</b>	mg/dl	Up to 150	GPO -Trinder
<b>HDL Cholesterol</b>	47.99	mg/dl	0 - >50	Direct Method
<b>LDL Cholesterol</b>	55.29	mg/dl	Optimal <100,Above Opt. 100-129 -high 160-189	Direct Measure
<b>VLDL Cholesterol</b>	56.53	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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   **MD (Pathology)**

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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>	0.702	ng/mL	0 - 4.00	CLIA

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

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MD (Pathology)

**Dr. KANIKA GUPTA**  
MD (Pathology)

**Patient Name: Mr. CHARANJEET SINGH**

UHID : 34048

Age / Gender : 45 Years / Male

IPNO :

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Registered : 13/03/2023/ 9.19 AM

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Reported on : 13/03/2023/ 1.45 PM

**Patient Type : OPD**



**CLINICAL PATHOLOGY**

**STOOL ROUTINE EXAMINATION**

TEST NAME	RESULT	UNITS	BIOLOGICAL REFERENCE INTERVAL
<b><u>PHYSICAL EXAMINATION</u></b>			
<b>Colour</b>	Yellow		Brown
<b>Consistency</b>	Semi Solid		Formed
<b>Mucus</b>	NIL		NIL
<b>Blood</b>	NIL		NIL
<b>Reaction</b>	Alkaline		Alkaline
<b>Occult Blood</b>	Negative		NIL
<b><u>MICROSCOPIC EXAMINATION</u></b>			
<b>Vegetative Forms</b>	NIL		NIL
<b>Pus Cells</b>	2-3/hpf		NIL
<b>Fat Globules</b>	NIL		NIL
<b>Vegetable Matter</b>	NIL		NIL
<b>Starch</b>	NIL		NIL
<b>Undigested</b>	NIL		NIL

**Method:** STOOL

Stool concentration done by Formal either concentration technique.

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

*Please Correlate With Clinical Findings If Necessary Discuss*

*\* This is an Electronically Authenticated Report \**

**Lab Technician**

**Dr. SHIKHA RANJAN**  
MD (Microbiologist)

**Dr. MOHSIN AIJAZ**  
MD (Pathology)

**Dr. GURSATINDER KAUR**  
MD (Pathology)

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**IMMUNOLOGY**

**THYROID PROFILE**

<b>Specimen Type</b>	<b>BIOLOGICAL</b>			
<b>TEST NAME</b>	<b>RESULT</b>	<b>UNITS</b>	<b>REFERENCE</b>	<b>METHOD</b>
<b>Tri-iodothyronine (T3)</b>	1.16	ng/mL	0.69 - 2.15	CLIA
<b>Thyroxine (T4)</b>	86.1	ng/mL	52 - 127	CLIA
<b>Thyroid Stimulating Hormone (TSH)</b>	<b>0.276</b>	μIU/mL	0.3 - 4.5	CLIA

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

*Please Correlate With Clinical Findings*

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**CLINICAL PATHOLOGY**

**URINE ROUTINE MICROSCOPY**

**Specimen Type**

**TEST NAME**

**RESULT**

**UNITS**

**BIOLOGICAL**

**REFERENCE**

**METHOD**

**PHYSICAL EXAMINATION**

<b>volume</b>	20	ml		
<b>colour</b>	Yellow		Pale Yellow	
<b>Appearance</b>	Clear		Clear	
<b>Specific Gravity</b>	1.030			Polyelectrolytes Ionic

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

*Please Correlate With Clinical Findings*

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### CLINICAL PATHOLOGY

<b>reaction</b>	Acidic	Acidic	
<b>pH -Urine</b>	6.0		PH paper
<b>Blood</b>	Negative	Negative	
<b>Albumin</b>	NIL	NIL	Protein-error-of-Indicator/Sulphosalicylic Acid
<b>Glucose</b>	NIL	NIL	GODPOD/Benedicts
<b>Urine Ketone</b>	Negative	Negative	Sodium nitroprusside
<b>Bile Salt</b>	NIL	NIL	
<b>Bile Pigment</b>	NIL	NIL	Diazo/Fouchets Test
<b>Urobilinogen</b>	NIL	NIL	Elrich Aldehyde
<b>Leucocyte</b>	Present (+)	Negative	

### MICROSCOPIC EXAMINATION

<b>PUS CELLS - URINE</b>	3-4		
<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.

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

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