



**Patient Name** : Mr. BAHADUR SINGH  
**Age / Gender** : 32 / Male  
**Referred By** : Dr. VISHWAS BHARDWAJ  
**Req.No** : 2318718  
**Patient Type** : OPD

UHID : 33967  
IPNO :  
Requisitions : 10/03/2023 / 9.34 AM  
Sample collection : 10/03/2023  
Sample Receiving : 10/03/2023  
Reported on : 10/03/2023 / 3.58 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>	92.9	mg/dl	70 - 110	GOD-POD Hexokinase

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

*Please Correlate With Clinical Findings*

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

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

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### HAEMATOLOGY

#### COMPLETE HAEMOGRAM (CBC ESR)

**Specimen Type** : Whole Blood

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REF. INTERVAL	METHOD
<b>Haemoglobin</b>	15.5	gm/dl	13.0 - 17.5	Cyanide-Free Colorimetry
<b>Total Leucocyte Count</b>	5200		4000 - 11000	Impedance Variation
<b><u>DIFFERENTIAL COUNT</u></b>				
<b>Neutrophils.</b>	48	%	40.0 - 75.0	Flow Cytometry
<b>Lymphocytes.</b>	40	%	20.0 - 45.0	Flow Cytometry
<b>Monocytes</b>	10	%	2.0 - 10.0	Flow Cytometry
<b>Eosinophils.</b>	02	%	0.0 - 4.0	Flow Cytometry
<b>Basophils</b>	00	%	0.0 - 1.0	Flow Cytometry
<b>Platelet Count</b>	2.31	1000/cumm	1.50 - 4.50	Electrical Impedance
<b>RED BLOOD CELL COUNT</b>	4.40	millions/cum m	3.5 - 5.5	Electrical Impedance
<b>PACKED CELL VOLUME</b>	45.9	%	36 - 46	Calculated
<b>MEAN CORPUSCULAR VOLUME</b>	<b>104.4</b>	fL	76 - 96	Measured
<b>MEAN CORPUSCULAR HAEMOGLOBIN</b>	<b>35.2</b>	pg	27 - 32	Calculated
<b>MEAN CORPUSCULAR Hb CONC</b>	33.8	gm/dl	33 - 37	Calculated
<b>E.S.R.</b>	15mm	mm at the end of 1st hr	0 - 15	Westergren

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

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**HAEMATOLOGY**

**HBA1C**

**Specimen Type**

TEST NAME	RESULT	UNITS	REFERENCE	BIOLOGICAL METHOD
Glycosylated Haemoglobin (Hb A1c)	5.4	%	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**

<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>	23.0	mg/dl	13 - 45	UreaseGLDH	
<b>Serum Creatinine</b>	1.13	mg/dL	Male: 0.6 - 1.3	Modified JAFFEs	
<b>Serum Uric Acid</b>	6.41	mg/dl	Adult Male: 3.5 - 7.2	Uricase Trinder, End Point (Toos)	
<b>Serum Sodium</b>	142.8	meq/l	135 - 155	ISE Indirect	
<b>Serum Potassium</b>	4.45	meq/l	3.5 - 5.6	ISE Indirect	

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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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**BIOCHEMISTRY**

**LFT(LIVER FUNCTION TEST)**

Specimen Type	Serum	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD	
<b>TOTAL BILIRUBIN</b>	0.75	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid	
<b>DIRECT BILIRUBIN</b>	<b>0.32</b>	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid	
<b>INDIRECT BILIRUBIN</b>	0.43	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid	
<b>SGOT (AST)</b>	<b>85.0</b>	IU/L	0 - 35	IFCC WPP AMP	
<b>SGPT (ALT)</b>	<b>118.8</b>	IU/L	5 - 40	IFCC WPP AMP	
<b>Alkaline Phosphatase</b>	74.7	IU/L	Adult: 50 - 136	Modified IFCC	
<b>Total Protein</b>	6.23	g/dl	6.4-8.2	Biuret Endpoint	
<b>Albumin - Serum</b>	4.20	g/DL	3.2 - 5.0	Photometric Column test BCG Dye	
<b>Globulin</b>	<b>2.03</b>	gms%	2.3 - 4.5		

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

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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>	1.63	ng/mL	0.69 - 2.15	CLIA
<b>Thyroxine (T4)</b>	82.5	ng/mL	52 - 127	CLIA
<b>Thyroid Stimulating Hormone (TSH)</b>	2.84	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
<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>Blood</b>	Negative		Negative	
<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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### CLINICAL PATHOLOGY

#### 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.

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