

**Patient Name** : Mrs. HARSHDEEP KAUR  
**Age / Gender** : 37 / Female  
**Referred By** : Dr. PRATIBHA PUNDHIR  
**Req.No** : 2318715  
**Patient Type** : OPD

UHID : 33966  
IPNO :  
Requisitions : 10/03/2023 / 9.31 AM  
Sample collection : 10/03/2023  
Sample Receiving : 10/03/2023  
Reported on : 10/03/2023 / 3.33 PM

**HAEMATOLOGY**

**HBA1C**

**Specimen Type**

TEST NAME	RESULT	UNITS	BIOLOGICAL	
			REFERENCE	METHOD
<b>Glycosylated Haemoglobin (Hb A1c)</b>	5.8	%	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 \*\*\*\***

*Please Correlate With Clinical Findings*

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

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

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**Patient Type** : OPD Sample Receiving : 10/03/2023  
Reported on : 10/03/2023 / 12.24 PM

**BIOCHEMISTRY**

**BLOOD GROUP And RH TYPE**

**Specimen Type :**

**BIOLOGICAL**

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

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

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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>	86.1	mg/dl	70 - 110	GOD-POD Hexokinase

**-\*\*\*\* 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>	13.1	gm/dl	11.5 - 16.5	Cyanide-Free Colorimetry
<b>Total Leucocyte Count</b>	5800		4000 - 11000	Impedance Variation
<b><u>DIFFERENTIAL COUNT</u></b>				
<b>Neutrophils.</b>	50	%	40.0 - 75.0	Flow Cytometry
<b>Lymphocytes.</b>	35	%	20.0 - 45.0	Flow Cytometry
<b>Monocytes</b>	10	%	2.0 - 10.0	Flow Cytometry
<b>Eosinophils.</b>	<b>05</b>	%	0.0 - 4.0	Flow Cytometry
<b>Basophils</b>	00	%	0.0 - 1.0	Flow Cytometry
<b>Platelet Count</b>	3.13	1000/cumm	1.50 - 4.50	Electrical Impedance
<b>RED BLOOD CELL COUNT</b>	4.10	millions/cum m	3.5 - 5.5	Electrical Impedance
<b>PACKED CELL VOLUME</b>	40.5	%	36 - 46	Calculated
<b>MEAN CORPUSCULAR VOLUME</b>	<b>98.9</b>	fL	76 - 96	Measured
<b>MEAN CORPUSCULAR HAEMOGLOBIN</b>	32.0	pg	27 - 32	Calculated
<b>MEAN CORPUSCULAR Hb CONC</b>	<b>32.3</b>	gm/dl	33 - 37	Calculated
<b>E.S.R.</b>	<b>22mm</b>	mm at the end of 1st hr	0 - 15	Westergren

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

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**BIOCHEMISTRY**

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

Specimen Type TEST NAME	Serum	BIOLOGICAL			
		RESULT	UNITS	REFERENCE	METHOD
<b>Urea Creatinine</b>					
Serum Urea		23.2	mg/dl	13 - 45	UreaseGLDH
Serum Creatinine		0.85	mg/dL	Male: 0.6 - 1.3	Modified JAFFEs
Serum Uric Acid		4.46	mg/dl	Adult Female: 2.6 - 6.0	Uricase Trinder, End Point (Toos)
Serum Sodium		139.8	meq/l	135 - 155	ISE Indirect
Serum Potassium		4.92	meq/l	3.5 - 5.6	ISE Indirect

\*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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## BIOCHEMISTRY

### LFT(LIVER FUNCTION TEST)

Specimen Type	Serum	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD	
<b>TOTAL BILIRUBIN</b>	0.41	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid	
<b>DIRECT BILIRUBIN</b>	0.16	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid	
<b>INDIRECT BILIRUBIN</b>	0.25	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid	
<b>SGOT (AST)</b>	12.9	IU/L	0 - 35	IFCC WPP AMP	
<b>SGPT (ALT)</b>	10.2	IU/L	5 - 40	IFCC WPP AMP	
<b>Alkaline Phosphatase</b>	74.2	IU/L	Adult: 50 - 136	Modified IFCC	
<b>Total Protein</b>	5.86	g/dl	6.4-8.2	Biuret Endpoint	
<b>Albumin - Serum</b>	3.98	g/DL	3.2 - 5.0	Photometric Column test BCG Dye	
<b>Globulin</b>	<b>1.88</b>	gms%	2.3 - 4.5		

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

**-\*\*\*\* 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>	198.6	mg/dl	0 - 200	Cholestrol Oxidase
<b>Serum Triglycerides</b>	154.3	mg/dl	Up to 150	GPO -Trinder
<b>HDL Cholesterol</b>	49.8	mg/dl	0 - >60	Direct Method
<b>LDL Cholesterol</b>	117.9	mg/dl	Optimal <100,Above Opt. 100-129 -high 160-189	Direct Measure
<b>VLDL Cholesterol</b>	30.8	mg/dL	*Less than 30	Calculated

\*Automated Direct HDL And LDL Estimation.

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

**-\*\*\*\* 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>	1.18	ng/mL	0.69 - 2.15	CLIA
<b>Thyroxine (T4)</b>	76.8	ng/mL	52 - 127	CLIA
<b>Thyroid Stimulating Hormone (TSH)</b>	1.15	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>	1.025			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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**\*\*\*\* End of Report \*\*\*\***

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