

Patient Name : Mr. HARBHAJAN SINGH
Age / Gender : 38 / Male
Referred By : Dr. Aniket Saini
Req.No : 2321579
Patient Type : OPD

UHID : 34218
IPNO :
Requisitions : 18/03/2023 / 8.45 AM
Sample collection : 19/03/2023
Sample Receiving : 19/03/2023
Reported on : 19/03/2023 / 9.27 AM

BIOCHEMISTRY

BLOOD SUGAR FASTING

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
Plasma glucose(fasting.)	79.88	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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	Reported on	: 18/03/2023 / 1.28 PM

HAEMATOLOGY

COMPLETE HAEMOGRAM (CBC ESR)

Specimen Type : Whole Blood

TEST NAME	RESULT	UNITS	REF. INTERVAL	BIOLOGICAL METHOD
Haemoglobin	16.1	gm/dl	13.0 - 17.5	Cyanide-Free Colorimetry
Total Leucocyte Count	9700		4000 - 11000	Impedance Variation
<u>DIFFERENTIAL COUNT</u>				
Neutrophils.	60	%	40.0 - 75.0	Flow Cytometry
Lymphocytes.	28	%	20.0 - 45.0	Flow Cytometry
Monocytes	08	%	2.0 - 10.0	Flow Cytometry
Eosinophils.	04	%	0.0 - 4.0	Flow Cytometry
Basophils	00	%	0.0 - 1.0	Flow Cytometry
Platelet Count	1.81	1000/cumm	1.50 - 4.50	Electrical Impedance
RED BLOOD CELL COUNT	5.66	millions/cum m	3.5 - 5.5	Electrical Impedance
PACKED CELL VOLUME	51.4	%	36 - 46	Calculated
MEAN CORPUSCULAR VOLUME	90.9	fL	76 - 96	Measured
MEAN CORPUSCULAR HAEMOGLOBIN	28.4	pg	27 - 32	Calculated
MEAN CORPUSCULAR Hb CONC	31.3	gm/dl	33 - 37	Calculated

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

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HAEMATOLOGY

HBA1C

Specimen Type

TEST NAME	RESULT	UNITS	REFERENCE	BIOLOGICAL METHOD
Glycosylated Haemoglobin (Hb A1c)	5.9	%	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	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD	
Urea Creatinine					
Serum Urea	33.9	mg/dl	13 - 45	UreaseGLDH	
Serum Creatinine	1.00	mg/dL	Male: 0.6 - 1.3	Modified JAFFEs	
Serum Uric Acid	4.82	mg/dl	Adult Male: 3.5 - 7.2	Uricase Trinder, End Point (Toos)	
Serum Sodium	143.6	meq/l	135 - 155	ISE Indirect	
Serum Potassium	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
TOTAL BILIRUBIN		1.34	mg/dL	0.1 - 1.2	Diazotized Sulphanilic Acid
DIRECT BILIRUBIN		0.44	mg/dL	0.00 - 0.20	Diazotized Sulphanilic Acid
INDIRECT BILIRUBIN		0.90	mg/dL	0.0 - 0.9	Diazotized Sulphanilic Acid
SGOT (AST)		40.1	IU/L	0 - 35	IFCC WPP AMP
SGPT (ALT)		93.2	IU/L	5 - 40	IFCC WPP AMP
Alkaline Phosphatase		119.5	IU/L	Adult: 50 - 136	Modified IFCC
Total Protein		6.14	g/dl	6.4-8.2	Biuret Endpoint
Albumin - Serum		4.07	g/DL	3.2 - 5.0	Photometric Column test BCG Dye
Globulin		2.07	gms%	2.3 - 4.5	
A/G Ratio		1.97			Calculated

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

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

Please Correlate With Clinical Findings

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

Dr. KANIKA GUPTA
MD (Pathology)



Mr. HARBHAJAN 34218

PID NO: P2772200012026
Age: 38.0 Year(s) Sex: Male



Reference: Dr.PARK HOSPITAL

Sample Collected At:
HEALING TOUCH SUPER SPECIALITY
HOSPITAL A UNIT OF BLUE HEAVENS
HEALTHCARE PVT LTD
CHANDIGARH AMBALA HIGHWAY VILL
SADOPUR AMBALA CITY HARYANA
134002

Sample Processed At: DOGRA PATH
LAB LLP, #16, SECTOR -7, URBAN

VID: 220277000011047

Registered On:
18/03/2023 07:01 PM
Collected On:
18/03/2023 7:01PM
Reported On:
18/03/2023 08:29 PM

Investigation

Thyroid panel-1

(Serum,CMIA)

T3 (Total)

96.59

ng/dL

84.6-201.8

T4 (Total)

7.23

µg/dL

5.1-14.1

TSH(Ultrasonensitive)

1.7752

µIU/mL

0.54-5.3

Observed Value

Unit

Biological Reference Interval

INTERPRETATION

TSH	T3 / FT3	T4 / FT4	Suggested Interpretation for the Thyroid Function Tests Pattern
Within Range	Decreased	Within Range	• Isolated Low T3-often seen in elderly & associated Non-Thyroidal illness. In elderly the drop in T3 level can be upto 25%.
Raised	Within Range	Within Range	•Isolated High TSHespecially in the range of 4.7 to 15 mIU/ml is commonly associated with Physiological & Biological TSH Variability. •Subclinical Autoimmune Hypothyroidism •Intermittent T4 therapy for hypothyroidism •Recovery phase after Non-Thyroidal illness"
Raised	Decreased	Decreased	•Chronic Autoimmune Thyroiditis •Post thyroidectomy,Post radioiodine •Hypothyroid phase of transient thyroiditis"
Raised or within Range	Raised	Raised or within Range	•Interfering antibodies to thyroid hormones (anti-TPO antibodies) •Intermittent T4 therapy or T4 overdose •Drug interference- Amiodarone, Heparin,Beta blockers,steroids, anti-epileptics"
Decreased	Raised or within Range	Raised or within Range	•Isolated Low TSH -especially in the range of 0.1 to 0.4 often seen in elderly & associated with Non-Thyroidal illness •Subclinical Hyperthyroidism •Thyroxine ingestion"
Decreased	Decreased	Decreased	•Central Hypothyroidism •Non-Thyroidal illness •Recent treatment for Hyperthyroidism (TSH remains suppressed)"
Decreased	Raised	Raised	•Primary Hyperthyroidism (Graves' disease),Multinodular goitre, Toxic nodule •Transient thyroiditis:Postpartum, Silent (lymphocytic), Postviral (granulomatous,subacute, DeQuervain's),Gestational thyrotoxicosis with hyperemesis gravidarum"
Decreased or within Range	Raised	Within Range	•T3 toxicosis •Non-Thyroidal illness

- References:** 1. Interpretation of thyroid function tests. Dayan et al. THE LANCET • Vol 357 • February 24, 2001
2. Laboratory Evaluation of Thyroid Function, Indian Thyroid Guidelines, JAPI, January 2011,vol. 59

-- End of Report --

Dr. Vasu Kumar Dogra
M.D (Pathology)

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CLINICAL PATHOLOGY

URINE ROUTINE MICROSCOPY

Specimen Type	BIOLOGICAL			
TEST NAME	RESULT	UNITS	REFERENCE	METHOD
PHYSICAL EXAMINATION				
volume	20	ml		
colour	Pale Yellow		Pale Yellow	
Appearance	Clear		Clear	
Specific Gravity	1.025			Polyelectrolytes Ionic
reaction	Acidic		Acidic	
pH -Urine	6.0			PH paper
Blood	Negative		Negative	
Albumin	NIL		NIL	Protein-error-of-Indicator/Sulphosalicylic Acid
Glucose	NIL		NIL	GODPOD/Benedicts
Bile Salt	NIL		NIL	
Bile Pigment	NIL		NIL	Diazo/Fouchets Test
Urobilinogen	NIL		NIL	Elrich Aldehyde

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CLINICAL PATHOLOGY

MICROSCOPIC EXAMINATION

PUS CELLS - URINE	3-4		
Red blood cells	Nil	NIL	
Epithelial Cells - Urine	1-2	4---5/HPF	
Casts	NIL	NIL	Microscopic
Crystals.	NIL	NIL	Microscopic

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

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