







Barcode No : 208394

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : WHOLE BLOOD EDTA

Registration : 07/Jun/2024 01:45PM

Received : 07/Jun/2024 01:48PM

Reported : 07/Jun/2024 02:02PM

Client Code : UP528

Client Add : INDIRAPURAM

HAEM ATOLOGY

	<u> 0 0</u>		
Test Description	Observed Value	Unit	Reference Range

COM PLETE BLOOD COUNT+ESR (CBC+ESR)

HAEMOGLOBIN (Hb)		13.0	gm/dl	12.00-15.00
Colorimetric SLS				
RED BLOOD CELLS: RBC COUNT	-	4.8	10^6/uL	4.50-5.50
Electrical Impedance				
PACKED CELL VOLUME (PCV) - H	IEM ATOCRIT	37.1	%	36 - 46
Calculated				
MCV		76.7	fL	83-101
Calculated				
MCH		26.9	pg	27-32
Calculated				
MOHC		35.1	g/dl	32-36
Calculated				
RED CELL DISTRIBUTION WIDTH	H (RDW-CV)	13.3	%	11.5-14.5
Whole blood EDTA,Flow Cytometry				
RED CELL DISTRIBUTION WIDTH	H (RDW - SD)	36	fl	39.0-46.0
Whole Blood EDTA, Calculated				
PLATELET COUNT		206	10^3/μL	150-410
Electrical Impedance				
PLATELET DISTRIBUTION WIDT	H (PDW)	17	fL	9.00-17.00
Whole Blood EDTA, Calculated				
PCT(PLATELETCRIT)		0.22	%	0.108-0.282
Whole blood EDTA,Flow Cytometry				
MEAN PLATELET VOLUME - MF	PV	10.4	fL	7.00-12.00
Calculated				
P-LCR		44		
P-LCC		90.52	%	30.0-90.0
Calculated				
TOTAL LEUKOCYTE COUNT (TLC		6.9	10^3/μL	4.0-10.0
Laser - Based Flow Cytometry / Micros				
DIFFERENTIAL LEUKOCYTE COU	<u>NT</u>			
Neutrophils		70	%	40-80
Laser - Based Flow Cytometry / Micros	scopy			







Dr.JEHAN NIZAMI MBBS MD Consultant Pathologist















Registration





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Collected By : Dr.SELF Sample Type : WHOLE BLOOD EDTA Received : 07/Jun/2024 01:48PM Reported : 07/Jun/2024 02:02PM

Client Code : UP528

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: 07/Jun/2024 01:45PM

	<u>HAEM ATOLOGY</u>						
Test Description	Observed Value	Unit	Reference Range				
Lymphocytes Laser - Based Flow Cytometry / Microscopy	20	%	20-40				
Eosinophils Laser - Based Flow Cytometry / Microscopy	03	%	1-6				
Monocytes Laser - Based Flow Cytometry / Microscopy	07	%	2-10				
Basophils Whole blood EDTA,Flow Cytometry	00	%	0.00-1.00				
ABSOLUTE NEUTROPHIL COUNT Whole Blood EDTA, Calculated	4.83	10^3/μL	2.00-7.00				
ABSOLUTE LYM PHOCYTE COUNT Calculated	1.38	10^3/μL	1.00-3.00				
ABSOLUTE EOSINOPHIL COUNT Calculated	0.21	10^3/μL	0.02-0.50				
ABSOLUTE MONOCYTE COUNT Calculated	0.48	10^3/μL	0.20-1.00				
ESR [WESTERGREN] Sedimentation	14.00	mm/1st	0-15				

INTERPRETATION:

A complete blood count (CBC), also known as a full blood count (FBC), is a set of medical laboratory tests that provide information about the cells in a person's blood. The CBC indicates the counts of white blood cells, red blood cells and platelets, the concentration of hemoglobin, and the hematocrit (the volume percentage of red blood cells). The red blood cell indices, which indicate the average size and hemoglobin content of red blood cells, are also reported, and a white blood cell differential, which counts the different types of white blood cells, may be included. The CBC is often carried out as part of a medical assessment and can be used to monitor health or diagnose diseases. The results are interpreted by comparing them to reference ranges, which vary with sex and age. Conditions like anemia and thrombocytopenia are defined by abnormal complete blood count results. The red blood cell indices can provide information about the cause of a person's anemia such as iron deficiency and vitamin B12 deficiency, and the results of the white blood cell differential can help to diagnose viral, bacterial and parasitic infections and blood disorders like leukemia. Not all results falling outside of the reference range require medical intervention.







MBBS MD





Page 2 of 16











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Registration : 07/Ju

: 07/Jun/2024 01:45PM

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Received : 07/Jun/2024 01:48PM

Client Code : UP528

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HAEM ATOLOGY

Test Description Observed Value Unit Reference Range

BLOOD GROUP ABO & RH

ABO A

Gel Columns agglutination

Rh Typing POSITIVE

Gel agglutination COMMENTS:

The test will detect common blood grouping system A, B, O, AB and Rhesus (RhD). Unusual blood groups or rare subtypes will not be detected by this method. Further investigation by a blood transfusion laboratory, will be necessary to identify such groups.

Disclaimer: There is no trackable record of previous ABO & RH test for this patient in this lab. Please correlate with previous blood group findings.























Barcode No : 208402

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : SERUM Registration

: 07/Jun/2024 01:45PM

: 07/Jun/2024 02:15PM

: 07/Jun/2024 01:48PM Received

Client Code : UP528

Client Add : INDIRAPURAM

BIOCHEMISTRY

Test Description		Observed Value	Unit	Reference Range
LIVER FUNCTION TEST				
TOTAL BILIRUBIN Diazo		0.77	mg/dL	0.10 - 1.2
CONJUGATED (D. Bilirubin) Diazo		0.14	mg/dL	0.0 - 0.30
UNCONJUGATED (I.D. Bilirubir Calculated	1)	0.63	mg/dl	0.0 - 1.0
S.G.P.T UV without P5P		28	U/L	0-35
SGOT UV without P5P		23	U/L	0-40
ALKALINE PHOSPHATASE AMP		89.60	U/L	42 - 98
TOTAL PROTEINS Biuret		7.8	g/dL	6.4 - 8.3
ALBUMIN		4.2	g/dL	3.5 - 5.2

INTERPRETATION

Bromocresol Green

GLOBULIN

Calculated A/G RATIO

Calculated

Bilirubin Elevated levels results from increased bilirubin production (eg hemolysis and ineffective erythropoiesis); decreased bilirubin

3.68

1.13

conjugated (direct) bilirubin is elevated more than unconjugated (indirect) bilirubin when there is some kind of blockage of the bile ducts like in Gallstones getting into the bile ducts tumors & Scarring of the bile ducts.

Increased unconjugated (indirect) bilirubin may be a result of hemolytic or pernicious anemia, transfusion reaction & a common metabolic condition termed Gilbert syndrome

AST levels increase in viral hepatitis, blockage of the bile duct ,cirrhosis of the liver, liver cancer, kidney failure, hemolytic anemia, pancreatitis, hemochromatosis. Ast levels may also increase after a heart attck or strenuous activity.

ALT is commonly measured as a part of a diagnostic evaluation of hepatocellular injury, to determine liver health.

GGT may be higher with diabetes, heart failure, hyperthyroidism, or pancreatitis. Higher GGT levels also may mean liver damage from heavy, chronic alcohol abuse. GGT levels that are higher than normal may also signal a viral infection

Elevated ALP levels are seen in Biliary Obstruction, Osteoblastic Bone Tumors, Osteomalacia, Hepatitis, Hyperparathyriodism, Leukemia, Lymphoma, paget's disease, Rickets, Sarcoidosis etc. Elevated serum GGT activity can be found in diseases of the liver, Biliary system and pancreas. Conditions that increase serum GGT are obstructive liver disease, high alcohol consumption and use of enzyme-including drugs

Serum total protein, in the plasma is made up of albumin and globulin. Higher-than-normal levels may be due to: Chronic inflammation







g/dL

Dr.JEHAN NIZAMI MBBS MD







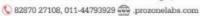
2.30-4.50

1.0-2.3





Corporate Office : WZ-409/C 2nd Floor, Janak Park, Hari Nagar, New Delhi-110064











Barcode No : 208402

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : SERUM

Test Description

Registration

: 07/Jun/2024 01:45PM

: 07/Jun/2024 01:48PM Received

Reported : 07/Jun/2024 02:15PM

Client Code : UP528 Client Add : INDIRAPURAM

BIOCHEMISTRY

Observed Value Unit Reference Range

or infection, including HIV and hepatitis B or C, Multiple myeloma, Waldenstrom's disease. Lower-than-normal levels may be due to: Agammaglobulinemia, Bleeding (hemorrhage), Burns, Glomerulonephritis, Liver disease, Malabsorption, Malnutrition,









Dr.JEHAN NIZAMI





Page 5 of 16













Barcode No : 208402

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Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : SERUM

Registration : 07/Jun/2024 01:45PM

Received : 07/Jun/2024 01:48PM

: 07/Jun/2024 02:15PM

Client Code : UP528

Client Add : INDIRAPURAM

BIOCHEMISTRY

Test Description		Observed Valu	ue Unit	Reference Range		
LIPID PROFILE						
TOTAL CHOLESTEROL Cholesterol Oxidase,PAP		219.83	mg/dl	<200 Desirable~200 – 239 Borderline >240 High Risk		
TRIGLYCERIDES		109.56	mg/dL	Normal : <161~High : 161 -		
GPO-TRINDER				199~Hyper Triglyceridemic : 200 - 499~Very High : >499		
H D L CHOLESTEROL		47	mg/dl	>40 Recommended Range		
Direct Enzymatic Colorimetric						
L D L CHOLESTEROL		150.92	mg/dl	70-130		
Calculated						
VLDL		21.91	mg/dl	0.00-45.0		
Spectrophotmetry/Calculated						
T. CHOLESTEROL/ HDL RATIO		4.68	Ratio	3.40-4.40		
Calculated						
LDL/ HDL RATIO		3.21	Ratio	1.0-3.5		
Calculated						

COMMENT :-

(#). A lipid panel measures five different types of lipids from a blood sample, including:

- (1). Total cholesterol: This is your overall cholesterol level the combination of LDL-C, VLDL-C and HDL-C.
- (2). Low-density lipoprotein (LDL) cholesterol: This is the type of cholesterol that's known as "bad cholesterol." It can collect in your blood vessels and increase your risk of cardiovascular disease.
- (3). Very low-density lipoprotein (VLDL) cholesterol: This is a type of cholesterol that's usually present in very low amounts when the
- blood sample is a fasting samples since it's mostly comes from food you've recently eaten. An increase in this type of cholesterol in a fasting sample may be a sign of abnormal lipid metabolism.
- (4). High-density lipoprotein (HDL) cholesterol: This is the type of cholesterol that's known as "good cholesterol." It helps decrease the buildup of LDL in your blood vessels.
- (5). Triglycerides: This is a type of fat from the food we eat. Excess amounts of triglycerides in your blood are associated with cardiovascular disease and pancreatic inflammation.





















Barcode No : 208394 Registration : 07/Jun/2024 01:45PM

Patient Name : MRS. NAVJOT KAUR Received : 07/Jun/2024 01:48PM Age/Gender : 49 Y 0 M 0 D /F Reported : 07/Jun/2024 02:29PM

Ref Doctor : Dr.SELF Client Code : UP528

Collected By : Dr.SELF Client Add : INDIRAPURAM

Sample Type : WHOLE BLOOD EDTA

BIOCHEMISTRY

Test Description	Observed Value	Unit	Reference Range

HBA1C

HBA1c 5.5 %
HPLC

ESTIMATED AVG. GLUCOSE 111.15 mg/dl

Ref Range for HBA1c Non-Diabetic :- 4.0 – 5.6 Increased Risk:- 5.7 – 6.4

In Diabetics:

Excellent Control: 6.5 - 7.0Fair To Good Control: 7.0 - 8.0Unsatisfactory Control:- 8.0 - 10

Poor Control: >10

COMMENT:

The Glycosylated Hemoglobin (HbA1c or A1c) test evaluates the average amount of glucose in the blood over the last 2 to 3 months.

This test is used to monitor treatment in someone who has been diagnosed with diabetes.

It helps to evaluate how well the person's glucose levels have been controlled by treatment over time. This test may be used to screen for and diagnose diabetes or risk of developing diabetes.

Depending on the type of diabetes that a person has, how well their diabetes is controlled, and on doctor recommendations, the HbA1c test may be measured 2 to 4 times each year.

The American Diabetes Association recommends HbA1c testing in diabetics at least twice a year.

When someone is first diagnosed with diabetes or if control is not good, HbA1c may be ordered more frequently.

Note: If a person has anemia, few type of hemoglobinopathy, hemolysis, or heavy bleeding, HbA1c test results may be falsely low.

If someone is iron-deficient, the HbA1c level may be increased.

If a person has had a recent blood transfusion, the HbA1c may be inaccurate and may not accurately reflect glucose control for 2 to 3 months.







Dr.JEHAN NIZAMI MBBS MD Page 7 of 16















Barcode No : 208401

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : FLOURIDE PLASMA

Registration :

: 07/Jun/2024 01:45PM

: 07/Jun/2024 02:15PM

Received : 07/Jun/2024 01:48PM

Client Code : UP528

Client Add : INDIRAPURAM

BIOCHEMISTRY

Test Description Observed Value Unit Reference Range

FASTING BLOOD SUGAR

Plasma Glucose Fasting Glucose Oxidase/Peroxidase

105.7

mg/dL

70 -110

INTERPRETATION:

Fasting blood sugar test. A blood sample will be taken after an overnight fasting blood sugar level less than 100mg/dL is normal. A fasting blood sugar level from 100 to 125 mg/dL is considered prediabetes. If it's 126 mg/dL or higher on two separate tests, you have diabetes.







Dr.JEHAN NIZAMI MBBS MD





Page 8 of 16



Labs
Corporate Office:
WZ-409/C 2nd Floor, Janak Park, Hari Nagar, New Delhi-110064

82870 27108, 011-44793929 .prozonelabs.com







Barcode No : 208283

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : FLOURIDE PLASMA (PP)

Registration : 07/Jun/2024 01:45PM

: 08/Jun/2024 03:22PM

Reported : 08/Jun/2024 07:02PM Client Code : UP528

Client Add : INDIRAPURAM

BIOCHEMISTRY

Test Description Observed Value Unit Reference Range

PLASMA GLUCOSE - PP

Plasma Glucose PP 127.4 mg/dL 80-140

Glucose Oxidase/Peroxidase

Increased In

INTERPRETATION:

• Diabetes Mellitus

- Stress (e.g., emotion, burns, shock, anesthesia)
- Acute pancreatitis
- Chronic pancreatitis
- Wernicke encephalopathy (vitamin B1 deficiency)
- Effect of drugs (e.g. corticosteroids, estrogens, alcohol, phenytoin, thiazides)

Decreased In

- Pancreatic disorders
- Extrapancreatic tumors
- Endocrine disorders
- Malnutrition
- Hypothalamic lesions
- Alcoholism
- Endocrine disorders



















Reported

Barcode No : 208402

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : Serum

Registration : 07/.

: 07/Jun/2024 01:45PM

: 07/Jun/2024 02:15PM

: 07/Jun/2024 01:48PM

Client Code : UP528

Client Add : INDIRAPURAM

BIOCHEMISTRY

Test Description Observed Value Unit Reference Range

GGT

GGT 29 U/L 12.0-58.0 IFCC

INTERPRETATION:

GGT functions in the body as a transport molecule, helping to move other molecules around the body. It plays a significant role in helping the liver metabolize drugs and other toxins. Increased GGT include overuse of alcohol, chronic viral hepatitis, lack of blood flow to the liver, liver tumor, cirrhosis, or scarred liver, overuse of certain drugs or other toxins, heart failure, diabetes, pancreatitis, fatty liver disease.

























Barcode No : 208402

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : SERUM

Registration : 07/Jun/2024 01:45PM

Received : 07/Jun/2024 01:48PM

Reported : 07/Jun/2024 02:15PM

Client Code : UP528

Client Add : INDIRAPURAM

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Test Description	Ol	oserved Value	Unit	Reference Range
KIDNEY FUNCTION TEST				
SERUM UREA Serum,Urease GLDH	24.	14	mg/dL	19.0 - 45.0
SERUM CREATININE Enzymatic	0.8	1	mg/dL	0.7-1.30
SERUM URIC ACID Serum,Uricase	6.0		mg/dl	2.6 - 6.0
SERUM SODIUM ISE, Direct	141	1.2	mmol/L	135-150
SERUM POTASSIUM ISE, Direct	4.3	2	mmol/L	3.5-5.5
SERUM CHLORIDE ISE, Direct	102	2.7	mmol/L	94-110
Blood Urea Nitrogen (BUN) Calculated	11.3	28	mg/dl	8.00-23.0
UREA / CREATININE RATIO	29.	80		
SERUM TOTAL CALCIUM BAPTA	9.6	5	mg/dl	8.4-10.6

INTERPRETATION:

Normal range for a healthy person on normal diet: 12 - 20.

To Differentiate between pre- and postrenal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

- 1.Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.
- 2. Catabolic states with increased tissue breakdown.
- 3.GI hemorrhage.
- 4. High protein intake.
- 5.Impaired renal function plus.
- 6.Excess protein intake or production or tissue breakdown (e.g. infection, GI bleeding, thyrotoxicosis, Cushings syndrome, high







Dr.JEHAN NIZAMI MBBS MD Page 11 of 16















Barcode No : 208402

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : SERUM

Registration : 07/Jun/2024 01:45PM

: 07/Jun/2024 01:48PM

Reported : 07/Jun/2024 02:15PM Client Code : UP528

Client Add : INDIRAPURAM

BIOCHEMISTRY

Test Description Observed Value Unit Reference Range

protein diet, burns, surgery, cachexia, high fever).

7. Urine reabsorption (e.g. ureterocolostomy)

8.Reduced muscle mass (subnormal creatinine production)

9. Certain drugs (e.g. tetracycline, glucocorticoids)

INCREASED RATIO (>20:1) WITH ELEVATED CREATININE LEVELS:

1. Postrenal azotemia (BUN rises disproportionately more than creatinine) (e.g. obstructive uropathy).

2. Prerenal azotemia superimposed on renal disease.

DECREASED RATIO (<10:1) WITH DECREASED BUN:

1. Acute tubular necrosis.

2.Low protein diet and starvation.

3. Severe liver disease.

4.Other causes of decreased urea synthesis.

5. Repeated dialysis (urea rather than creatinine diffuses out of extracellular fluid).

6.Inherited hyperammonemias (urea is virtually absent in blood).

7.SIADH (syndrome of inappropiate antidiuretic harmone) due to tubular secretion of urea.

8.Pregnancy.

DECREASED RATIO (<10:1) WITH INCREASED CREATININE:

1. Phenacimide therapy (accelerates conversion of creatine to creatinine).

2. Rhabdomyolysis (releases muscle creatinine).

3. Muscular patients who develop renal failure.

INAPPROPIATE RATIO:

1. Diabetic ketoacidosis (acetoacetate causes false increase in creatinine with certain methodologies, resulting in normal ratio when dehydration should produce an increased BUN/creatinine ratio).

2. Cephalosporin therapy (interferes with creatinine measurement).







Dr.JEHAN NIZAMI MBBS MD















Barcode No : 208399

Patient Name : MRS. NAVJOT KAUR

: 49 Y 0 M 0 D /F Age/Gender

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : Urine Registration : 07/Jun/2024 01:45PM

: 07/Jun/2024 01:48PM

Reported : 08/Jun/2024 07:02PM

Client Code : UP528 Client Add

: INDIRAPURAM

CLINICAL PATHOLOGY

Test Description Observed Value Reference Range Unit

URINE SUGAR - PP

NIL Nil Result

Benedicts test

INTERPRETATION:

When the glucose level in blood exceeds the renal thresholds of glucose (160-180mg/dl) glucose starts to appear in urine. Glucose in urine gets excreted in diabetes mellitus. Elevated level of glucose in urine may also be a result of renal glucosuria. Other causes of glucose in urine are hyperthyroidism, high sugar diet, liver cirrhosis.







Dr.JEHAN NIZAMI MBBS MD

Page 13 of 16













Barcode No : 208399
Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : URINE

Registration : 07/Jun/2024 01:51PM

Received : 07/Jun/2024 01:52PM

: 07/Jun/2024 02:09PM

Client Code : UP528

Client Add : INDIRAPURAM

CLINICAL PATHOLOGY

Test Description Observed Value Unit Reference Range

URINE ROUTINE EXAMINATION

PHYSICAL EXAMINATION

visual

QUANTITY	30 ML	ml	0-50
visual			

COLOUR PALE YELLOW PALE YELLOW

TRANSPARENCY CLEAR Clear

visual

SPECIFIC GRAVITY 1.015 1.010 - 1.030 ION exchange

CHEMICAL EXAMINATION

pH 6.5 5-7

Double Indicator

PROTEIN

NEGATIVE g/dL

PROTEIN NEGATIVE g/dL Protein - error of Indicators

GLUCOSE NEGATIVE mg/dl
GOD-POD

UROBILINOGEN NEGATIVE NII

Ehrlichs Reaction

KETONE BODIES NEGATIVE NEGATIVE
Legals Nitroprasside

BILIRUBIN NEGATIVE NII

Azo-coupling Reaction

BLOOD NEGATIVE Nil

Pseudo-peroxidase

NITRITE NEGATIVE Nil

Diazotization Reaction

MICROSCOPIC EXAMINATION

PUS CELLS 4-6 cells/HPF 0-5 Microscopy

RBCs NIL Cells/HPF Nil

Microscopy NIL Cells/HPF NII







Dr.JEHAN NIZAMI MBBS MD





Page 14 of 16







Barcode No : 208399

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : URINE Registration

: 07/Jun/2024 01:51PM

: 07/Jun/2024 01:52PM

: 07/Jun/2024 02:09PM Reported

Client Code : UP528

Client Add : INDIRAPURAM

CLINICAL PATHOLOGY

Test Description	Observed Value	Unit	Reference Range
EPITHELIAL CELLS Microscopy	2-4	Cells/HPF	0 - 5
CRYSTALS Microscopy	ABSENT	ABSENT	ABSENT
CASTS Microscopy	ABSENT	/HPF	ABSENT
OTHER	NIL	%	







Dr.JEHAN NIZAMI







Page 15 of 16











Reported

Barcode No : 208402

Patient Name : MRS. NAVJOT KAUR

Age/Gender : 49 Y 0 M 0 D /F

Ref Doctor : Dr.SELF

Collected By : Dr.SELF

Sample Type : SERUM

Registration: 07/Jun/2024 01:45PM

: 07/Jun/2024 01:48PM

: 07/Jun/2024 02:41PM

Client Code : UP528

Client Add : INDIRAPURAM

HORMONE ASSAYS

Test Description Observed Value Unit Reference Range

THYROID PROFILE (T3,T4,TSH)

TRIODOTHYRONINE TOTAL (T3) CLIA

1.54

ng/mL

0.8 - 1.9

Summary & Interpretation:.

Triiodothyronine (T3) is the hormone principally responsible for the development of the effects of the thyroid hormones on the various target organsT3 is mainly formed extrathyroidally, particularly in the liver, by deiodination of T4. A reduction in the conversion of T4 to T3 results in a fall in the T3 concentration. It Occurs under the influence of medicaments such as propanolol, glucocorticoids or amiodarone and in severe non-thyroidal illness (NTI). The determination of T3 is utilized in the diagnosis of T3-hyperthyroidism, the detection of early stages of hyperthyroidism and for indicating a diagnosis of thyrotoxicosis factitia.

THYROXINE TOTAL (T4)

10.3

ug/dL

5.0 - 13.0

CLIA

Summary & Interpretation:

The hormons thyroxime (T4) is the main product secreted by the thyroid gland. The major part of total thyroxime (T4) in serum is present in protein-bound form. As the concentration of the transport proteins in serum are subject to exogenous and endogenous effects, the status of the binding proteins must also be taken in to account in the assessment of the thyroid hormone concentration in serum. The determination of T4 can be utilized for the following indications: the detection of hyperthyroidism, the detection of primary and secondary hypothyroidism and the monitoring of TSH-suppression therapy.

THYROID STIMULATING HORMONE (TSH)

0.578

uIU/mL

0.35 - 4.7

Summary & Interpretation

TSH is formed in specific basophil cells of the anterior pituitary and is subject to a circardian secretion sequence. The determination of TSH serves as the initial test in thyroid diagnostics, Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularl suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid.

Note:

- 1.TSH levels are subject to circadian variation, reaching peak levels between 2 4.a.m. and at a minimum between 6-10 pm .The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations
- 2. Recommended test for T3 and T4 is unbound fraction or free levels as it is metabolically active.
- 3. Physiological rise in Total T3 / T4 levels is seen in pregnancy and in patients on steroid therapy. 4. Clinical Use: Primary Hypothyroidism, Hypothalamic Pituitary hypothyroidism, Inappropriate TSH secretion, Nonthyroidal illness, Autoimmune thyroid disease, Pregnancy associated thyroid disorders.

PREGNANCY	REFERENCE RANGE FOR TSH IN uIU/mL		
1st Trimester	0.05 - 3.70		
2nd Trimester	0.31 – 4.35		
3rd Trimester	0.41–5.18		

*** End Of Report ***







Dr.JEHAN NIZAMI MBBS MD Consultant Pathologist











Dr. Jayati Bhatnagar

HEALIC

Dental SurgeonBachelors of Dental Surgery

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Patient Name Hrs. Navjet kour			Date	PPF-New Addrica: or regulation and provide a higher	a digita a pina di sina kanana kanana a sina kanana a
Patient Age/Gender 45/F					
4c- It els food lodgemet-	in	her	lower	Lach	holh
PM > M.					
TE Implue- 6.7					
Calcul + stain	+ +				
Carie 5					
T/A - Restoration 5/5					
Scaling & Tolinhing					

Follow Up Date _____

Signature _____

Healic G-104, Baani Square South City II, Sector 50, Gurugram





Dr. Maincy Jain



Obstetrician & Gynaecologist MBBS, DNB, MNAMS Reg No. RMC - 18032

+91 97111 10373 carebsg@healic.in

Patient Name	MOVJOT	Kauy	Date 07 - June
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3-2024

Patient Age/Gender 49F 4

49 read / P212

clo Post menopousal Bleeding Imoutus Back.

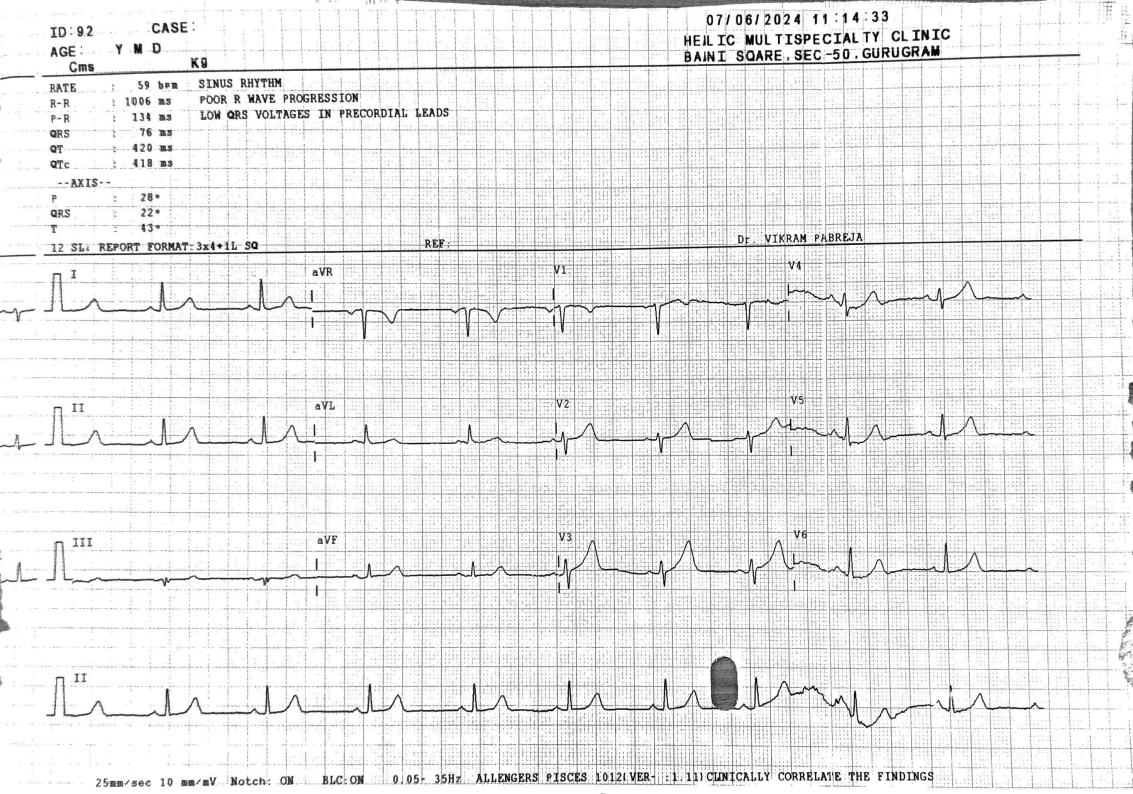
310

Breast -BIL NAM PU-CATION Pap Amen Pap Amen Taken Pap Smen - Raposit

- Ful Treposit

Follow Up Date ____

Signature —



Sector 50, Gurugram

Baani Square, South City II,





Gurugram

		Section of the sectio
MRS. NAVJOT KAUR	AGE/SEX	49 YRS/F
Self	DATE	09 JUN.2024
	MRS. NAVJOT KAUR Self	

RADIOGRAPH CHEST-PA VIEW

www.healic.in

Bilateral lung parenchyma appears unremarkable.

Right hilum prominent.

Left hilum is normal.

Bilateral CP angles are clear.

Cardiac shadow is within normal limits.

Visualised bone in view appear normal.

Please correlate clinically.

Dr. Varun Vishwash Dr. Varun Vis

(Radiodiagnosis)

Consultant Radiologist

