

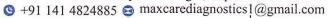
Dr. U. C. GUPTA MEB: NO. 281 MEB: NO. 281

> इस कार्ड के खोने / पाने पर कृपया सूचित करें / लौटाएं: आयंकर पैन सेवा इकाई, एन एस डी एल 5 वीं मंजिल, मंत्री स्टर्लिंग, प्लॉट नं. 341, सर्वे नं. 997/8, मॉडल कालोनी, दीप बंगला चौक के पास, पुणे—411 016.

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Pune – 411/016.

Tel: 91-20-2721 8080, Fax: 91-20-2721 8081 e-mail: tininfo@nsdl.co.in







# **General Physical Examination**

Date of Examination: 11   03   2023
Name: Vinee + Kumyo Shoom of Age: 32 DOB: 28/02/1991 Sex: Male
Referred By: Referred By: Referred By:
Photo ID: PANCARD ID #: 61013PS64575
Ht: $\frac{176}{(cm)}$ (cm) Wt: $\frac{77}{(Kg)}$
Chest (Expiration): <u>97</u> (cm) ' Abdomen Circumference: <u>/03</u> (cm)
Blood Pressure: 1251 8.5 mm Hg PR: 78 / min RR: 18 / min Temp: Afbiela
eye vision
Eye Examination: RE-6/6, N/6 MCB
Other:
•
On examination he/she appears physically and mentally fit: Yes / No
Signature Of Examine Name of Examinee: Inert Kumur Sheroma
Signature Medical Examiner: Name Medical Examiner Name Medical Examiner
MBB! RMC No. 291



⊕ +91 141 4824885 maxcarediagnostics1@gmail.com

NAME :- Mr. VINEET KUMAR SHARMA 32 Yrs 11 Days Age :-

Sex :-Male



Patient ID :-12223329

Date :- 11/03/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 12/03/2023 10:03:40

# **HAEMATOLOGY**

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40	MALE		
HAEMOGARAM			
HAEMOGLOBIN (Hb)	14.0	g/dl.	13.0 - 17.0
TOTAL LEUCOCYTE COUNT	5.50	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHII.	62.0	%	40.0 - 80.0
LYMPHOCYTE	30.0	%	20.0 - 40.0
EOSINOPHIL.	3.0	%	1.0 - 6.0
MONOCYTE	5.0	%	2.0 - 10.0
BASOPHIL	0.0	%	0.0 - 2.0
TOTAL RED BLOOD CELL COUNT (RBC)	4.65	x10^6/uL	4.50 - 5.50
HEMATOCRIT (HCT)	43.30	%	40.00 - 50.00
MEAN CORP VOLUME (MCV)	93.0	fL.	83.0 - 101.0
MEAN CORP HB (MCH)	30.2	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	32.4	g/dL	31.5 - 34.5
PLATELET COUNT	243	x10^3/uL	150 - 410
RDW-CV	14.0	%	11.6 - 14.0

VIKARANTJI

**Technologist** 

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Janu

DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



9 +91 141 4824885 ⋒ maxcarediagnostics1@gmail.com NAME :- Mr. VINEET KUMAR SHARMA

32 Yrs 11 Days Age :-

Sex :-



Patient ID: -12223329

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# HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR)

12

mm in 1st hr

00 - 15

The erythrocyte sedimentation rate (ESR or sed rate) is a relatively simple, inexpensive, non-specific test that has been used for many years to help detect inflammation associated with conditions such as infections, cancers, and autoimmune diseases.ESR is said to be a non-specific test because an elevated result often indicates the presence of inflammation but does not tell the health practitioner exactly where the inflammation is in the body or what is causing it. An ESR can be affected by other conditions besides inflammation. For this reason, the ESR is typically used in conjunction with other tests, such as C-reactive protein. ESR is used to help diagnose certain specific inflammatory diseases, including temporal arteritis, systemic vasculitis and polymyalgia rheumatica. (For more on these, read the article on Vasculitis.) A significantly elevated ESR is one of the main test results used to support the diagnosis. This test may also be used to monitor disease activity and response to therapy in both of the above diseases as well as



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**Technologist** Page No: 2 of 16 DR.TANU RUNGTA

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Janu



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NAME :- Mr. VINEET KUMAR SHARMA

Age:- 32 Yrs 11 Days

Sex :- Male



Patient ID: -12223329

Date :- 11/03/2023

23 10.32.2

Ref. By Doctor:-BANK OF BARODA Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

(CBC): Methodology: TLC,DLC Fluorescent Flow cytometry, HB SLS method,TRBC,PCV,PLT Hydrodynamically focused Impedance and MCH,MCV,MCHC,MENTZER INDEX are calculated. InstrumentName: Sysmex 6 part fully automatic analyzer XN-L,Japan



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Sex :-Male

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Date :- 11/03/2023

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

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# **BIOCHEMISTRY**

Test Name	Value	Unit	Biological Ref Interva
FASTING BLOOD SUGAR (Plasma) Methord:- GOD POD	77.4	mg/dl	70.0 - 115.0
Impaired glucose tolerance (IGT)	1	11 - 125 mg/dL	
Diabetes Mellitus (DM)	>	126 mg/dL	

Instrument Name: HORIBA CA60 Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, pancreatic

hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels (hypoglycemia) may result from excessive insulin

therapy or various liver diseases.

BLOOD SUGAR PP (Plasma) Methord - GOD PAP

75.8

mg/dl

70.0 - 140.0

Instrument Name: HORIBA Interpretation: Elevated glucose levels (hyperglycemia) may occur with diabetes, panereatic neoplasm, hyperthyroidism and adrenal cortical hyper-function as well as other disorders. Decreased glucose levels(hypoglycemia) may result from excessive insulin therapy or various liver diseases

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# **HAEMATOLOGY**

Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (HbA Methord:- CAPILLARY with EDTA	5.7	mg%	Non-Diabetic < 6.0 Good Control 6.0-7.0 Weak Control 7.0-8.0 Poor control > 8.0
MEAN PLASMA GLUCOSE Methord: - Calculated Parameter	117	mg/dl.	68 - 125

# INTERPRETATION

AS PER AMERICAN DIABETES ASSOCIATION (ADA) Reference Group HbA1c in % Non diabetic adults >=18 years < 5.7 At risk (Prediabetes) 5.7 - 6.4 Diagnosing Diabetes >= 6.5

### CLINICAL NOTES

In vitro quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia. The HbA1c level correlates with the mean glycose concentration prevailing in the course of the patient's recent history (approx - 6-8 weeks) and therefore provides much more reliable information for glycemia monitoring than do determinations of blood glucose or urinary glucose. It is recommended that the determination of HbA1c be performed at intervals of 4-6 weeks during Diabetes Mellitus therapy. Results of HbA1c should be assessed in conjunction with the patient's medical history, clinical examinations and other findings. Some of the factors that influence HbA1c and its measurement [Adapted from Gallagher et al.]

## 1. Erythropoiesis

- creased HbA1c, iron, vitamin B12 deficiency, decreased erythropolesis
- Decreased HbA1c, administration of erythropoietin, iron, vitamin B12, reticulocytosis, chronic liver disease
- 2 Altered Haemoglobin-Genetic or chemical alterations in hemoglobin: hemoglobinopathies, HbF, methemoglobin, may increase or decrease HbA1c

# 3. Glycation

- Increased HbA1c: alcoholism, chronic renal failure, decreased intraerythrocytic pH
- Decreased HbA1c: certain hemoglobinopathies, increased intra-erythrocyte pH

# 4. Erythrocyte destruction

- Increased HbA1c increased erythrocyte life span: Splenectomy
- Decreased A1c decreased RBC life span hemoglobinopathies, splenomegaly inheumatoid arthritis or drugs such as antiretrovirals, ribavinn & dapsone

# 5 Others

- reased HbA1c hyperbilirubinemia, carbamylated hemoglobin, alcoholism, large coses of aspirin, chronic opiate use chronic renal failure
- Decreased HbA1c: hyperfriglyceridemia, reticulocytosis, chronic liver disease, aspirin, vitamin C and E splenomegaly, rheumatoid arthritis or drugs

1 Shortened RBC life span --HbA1c test will not be accurate when a person has a condition that affects the average lifespan of red blood cells (RBCs), such as hemolytic anomia or blood loss. When the lifespan of RBCs in circulation is shortened, the A1c result is falsely low and is an unreliable measurement of a person's average glucose over time 2 Abnormal forms of hemoglobin — The presence of some hemoglobin variants, such as hemoglobin S in sickle cell anemia, may affect certain methods for measuring A1c in these cases, fructosamine can be used to monitor glucose control.

# Advised:

1. To follow patient for glycemic control test like fructosamine or glycated albumin may be performed instead.

2. Hemoglobin HPLC screen to analyze abnormal hemoglobin variant, estimated Average Glucose (eAG): based on value calculated according to National Glycohemoglobin Standardization Program (NGSP) criteria

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Janu DR.TANU RUNGTA MD (Pathology) RMC No. 17226



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NAME:- Mr. VINEET KUMAR SHARMA

32 Yrs 11 Days Age :-

Sex :-Male



Patient ID: -12223329

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Mr.MEDIWHEEL

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# HAEMATOLOGY

BLOOD GROUP ABO Methord:- Haemagglutination reaction

"O" POSITIVE



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NAME: - Mr. VINEET KUMAR SHARMA

Age - 32 Yrs 11 Days

Sex :- Male

Patient ID :-12223329

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company:- Mr.MEDIWHEEL

Final Authentication: 12/03/2023 10:03:40

# **BIOCHEMISTRY**

Test Name	Value	Unit	Biological Ref Interval
LIPID PROFILE			
TOTAL CHOLESTEROL Methord:- CHOD-PAP methodology	220.00	mg/dl	Desirable <200 Borderline 200-239 High> 240
InstrumentName MISPA PLUS Interpretation: ( disorders.	Cholesterol measurement	s are used in the diagnosis a	and treatments of lipid lipoprotein metabolism
TRIGLYCERIDES Methord:- GPO-TOPS methodology	116.00	mg/dl	Normal <150 Borderline high 150-199 High 200-499 Very high >500

InstrumentName:MISPA PLUS Interpretation Triglyceride measurements are used in the diagnosis and treatment of diseases involving lipid metabolism and various endocrine disorders e.g. diabetes mellitus, nephrosis and liver obstruction

DIRECT HDL CHOLESTEROL Method - Selective inhibition Method

80.00

mg/dl

Male 35-80 Female 42-88

Instrument Name:MISPA PLUS Interpretation: An inverse relationship between HDL-cholesterol (HDL-C) levels in serum and the incidence/prevalence of coronary heart disease (CHD) has been demonstrated in a number of epidemiological studies Accurate measurement of HDL-C is of vital importance when assessing patient risk from CHD. Direct measurement gives improved accuracy and reproducibility when compared to precipitation methods.

precipitation methods. LDL CHOLESTEROL Methord - Calculated Method	120.67 mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Methord:- Calculated	23.20 mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord: Calculated	2.75	0.00 - 4.90
L.DL. / HDL CHOLESTEROL RATIO Methord - Calculated	1.51	0.00 - 3.50
TOTAL LIPID	632.84 mg/dl	400,00 - 1000,00

 Measurements in the same patient can show physiological& analytical variations. Three serialsamples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL& LDL Cholesterol.

2. As per NCEP guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

3. Low HDL levels are associated with Coronary Heart Disease due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.

Comments: 1- ATP III suggested the addition of Non HDL Cholesterol (Total Cholesterol – HDL Cholesterol) as an indicator of all VIKARANTJI

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DR.TANU RUNGTA

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NAME:- Mr. VINEET KUMAR SHARMA

Age :-32 Yrs 11 Days

Male Sex :-



Patient ID: -12223329

Date :- 11/03/2023

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# **BIOCHEMISTRY**

atherogenic lipoproteins (mainly LDL & VLDL). The Non HDL Cholesterolis used as a secondary target of therapy in persons with triglycerides >=200 mg/dL. The goal for Non HDL Cholesterol in those with increased triglyceride is 30 mg/dL above that set for LDL Cholesterol.

2 -For calculation of CHD risk, history of smoking, any medication for hypertension & current B.P. levels are required.



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/2023 10

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# **BIOCHEMISTRY**

LIVER PROFILE WITH GGT			
SERUM BILIRUBIN (TOTAL) Methord - DMSO/Diazo	0.76	mg/dL	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord - DMSO/Diazo	0.28	mg/dL	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord - Calculated	0.48	mg/dl	0.30-0.70
SGOT Methord:- IFCC	36.9	U/L	Men- Up to - 37.0 Female - Up to - 31.0
SGPT Methord - IFCC	34.9	U/L.	Men- Up to - 40.0 Female- Up to - 31.0
SERUM ALKALINE PHOSPHATASE Methord - DGKC - SCE	59.00	U/L	53.00 - 141.00
SERUM GAMMA GT Methord: - Szasz methodology Instrument Name Randox Rx Imola Interpretation: Elevations in GGT levels are seen earlier and more pronounced	24.60 I than those with other liver en	U/1.	10,00 - 45,00 e and
metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or pos hepatic biliary obstruction. Only moderate elevations in the enzyme level (2 to		with infectious hepatitis	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	7.19	g/dl	5.10 - 8.00
SERUM ALBUMIN Methord:- Bromocresol Green	4.92	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.27	gm/dl	2.20 - 3.50
A/G RATIO	2.17		1.30 - 2.50

Interpretation. Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders.

Note:- These are group of tests that can be used to detect the presence of liver disease, distinguish among different types of liver disorders, gauge the extent of known liver damage, and monitor the response to treatment. Most liver diseases cause only mild symptoms initially, but these diseases must be detected early. Some tests are associated with functionality (e.g., albumin), some with cellular integrity (e.g., transaminase), and some with conditions linked to the biliary tract (gamma-glutamyl transferase and alkaline phosphatase). Conditions with elevated levels of ALT and AST include hepatitis A.B. C. paracetamol toxicity etc. Several biochemical tests are useful in the evaluation and management of patients with hepatic dysfunction. Some or all of these measurements are also carried out (usually about twice a year for routine cases) on those individuals taking certain medications, such as anticonvulsants, to ensure that the medications are not adversely impacting the person's liver.

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Technologist

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

Janu



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## **BIOCHEMISTRY**

RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord - Urease/GLDH 14.80

mg/dl

10.00 - 50.00

InstrumentName: HORIBA CA 60 Interpretation: Urea measurements are used in the diagnosis and treatment of certain renal and metabolic

SERUM CREATININE Methord - Jaffe's Method

1.04

mg/dl

Males: 0.6-1.50 mg/dl

Females 0.6 -1.40 mg/dl

Interpretation:

Creatinine is measured primarily to assess kidney function and has certain advantages over the measurement of area. The plasma level of creatinine is relatively independent of protein ingestion, water intake, rate of urine production and exercise. Depressed levels of plasma creatinine are rare and not

clinically significant. SERUM URIC ACID

5.77

mg/dl

2.40 - 7.00

InstrumentName:HORIBA YUMIZEN CA60 Daytona plus Interpretation. Elevated Urate. High purme diet. Alcohol- Renal insufficiency. Drugs Polycythaemia vera, Malignancies, Hypothyroidism, Rare enzyme defects "Downs syndrome, Metabolic syndrome, Pregnancy, Gout

SODIUM Methord: - ISE 136.2

mmol/L

Interpretation: Decreased sodium - Hyponatraemia Causes include: fluid or electrolyte loss, Drugs, Oedematous states, Legionnaire's disease and other chest infections, pseudonatremia, Hyperlipidaemias and paraproteinaemias, endocrine diseases. SIADH.

**POTASSIUM** 

Methord: - ISE

4.25

mmol/L

3.50 - 5.50

A. Elevated potassium (hyperkalaemia). Artefactual, Physiologida Vation, Drugs. Pathological states. Renal failure Interpretation: Adrenocortical insufficiency, metabolic acidoses, very high platelet or white cell counts B. Decreased potassium (hypokalaemia)Drugs. Liquoric, Diarrhoea and vomiting, Metabolic alkalosis, Corticosteroid excess, Oedematous state, Anorexia nervosa/bulimia

**CHLORIDE** 

109.2

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM Methord: - Colorimetric method 9.48

mg/dl

8.10 - 11.50

InstrumentName: Rx Daytona plus Interpretation. Serum calcium levels are believed to be controlled by parathyroid hormone and vitamin D. Increases in serum PTH or vitamin D are usually associated with hypercalcemia. Hypocalcemia may be observed in hypoparathyroidism, nephrosis and pancreatitis

SERUM TOTAL PROTEIN VIKARIA RIFG Biuret Reagent

7.19

g/dl

5.10 - 8.00

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DR.TANU RUNGTA

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form



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# **BIOCHEMISTRY**

SERUM ALBUMIN Methord:- Bromocresol Green	4.92	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.27	gm/dl	2.20 - 3.50
A/G RATIO	2.17		1.30 - 2.50

Interpretation: Measurements obtained by this method are used in the diagnosis and treatment of a variety of diseases involving the liver, kidney and bone marrow as well as other metabolic or nutritional disorders

# INTERPRETATION

Kidney function tests are group of tests that can be used to evaluate how well the kidneys are functioning. Creatinine is a waste product that comes from protein in the diet and also comes from the normal wear and tear of muscles of the body. In blood, it is a marker of GFR in urine, it can remove the need for 24-hour collections for many analytes or be used as a quality assurance tool to assess the accuracy of a 24-hour collection Higher levels may be a sign that the kidneys are not working properly. As kidney disease progresses, the level of creatinine and urea in the bloodingreases. Certain drugs are nephrotoxic hence KFT is done before and after initiation of treatment with these drugs

Low serum creatinine values are rare; they almost always reflect low muscle mass.

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**Technologist** Page No: 11 of 16

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Company :-

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# TOTAL THYROID PROFILE

## **IMMUNOASSAY**

Test Name	Value	Unit	Biological Ref Interval
-----------	-------	------	-------------------------

THYROID-TRIIODOTHYRONINE T3

0.75

ng/ml.

0.70 - 2.04

NOTE-TSH levels are subject to circardian variation reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum

TSH concentration. Dose and time of drug intake also influence the test result. Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions, simoultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1.Primary hyperthyroidism is accompanied by †serum T3 & T4 values along with \* T5H level 2.Low T5H,high FT4 and T5H receptor antibody(TRAb) INT LETER LETER ON-Out a Sensitive sin generation assay 1.Primary hyperthyrioidism is accompanied by [Serum 1-3.14 Values along with 1-3.14 values

DURING PREGNANCY - REFERENCE RANGE for TSH IN uIU/mL (As per American Thyroid Association) 1st Trimester: 0.10-2.50 uIU/mL 2rid Trimester: 0.20-3.00 uIU/mL 3rd Trimester: 0.30.3.00 he production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy

REMARK-assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test. Abnormal thyroid test findings often found in critically if patients should be repeated after the critical nature of the condition is resolved TSH is an important marker for the diagnosis of thyroid dysfunction Recent studies have shown that the TSH distribution progressively shifts to a nighter than 10 to 10 to

NOTE-TSH levels are subject to circardian variation reaching peak levels between 2.4 AM and min between 6-10 PM. The variation is the order of 50 is nence time of the day has influence on the measures scrum TSH concentration Dose and time of drug intake also influence the test result. Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions simulationed with the concentration Dose. of TSH with free T4 is useful in evaluating differential diagnosis

INTERPRETATION-Ultra Sensitive 4th generation assay 1 Pnmary hyperthyroidism is accompanied by "serum T3 & T4 values along with" TSH level 2 Low TSH high FT4 and TSH receptor antibody (TRAb) +ve seen in patients with Graves disease 3.Low TSH,high FT4 and TSH receptor antibody(TRAb) -ve seen in patients with Toxic adenoma/Toxic Multinodular goiter 4.HighTSH,Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroiditis 5.HighTSH,Low FT4 and Thyroid microsomal antibody normal seen in patients with Iodine deficiency/Congenital T4 synthesis deficiency 6 Lnw TSH,Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism

7 Primary hypothyroidsm is accompanied by 1 serum T3 and T4 values & "serum T5 and T4 values & "

DURING PREGNANCY - REFERENCE RANGE for TSH IN uIU/mL (As per American Thyroid Association) 1st Trimester: 0.10-2.50 uIU/mL 2nd Trimester: 0.20-3 00 uIU/mL 3rd Trimester: 0.30-3 00 uIU/mL The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy.

REMARK-Assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test. Abnormal thyroid test findings often found in critically ill patients should be repeated after the critical nature of the condition is resolved. TSH is an important marker for the diagnosis of thyroid dysfunction. Recent studies have shown that the TSH distribution progressively shifts to a higher concentration with age, and it is debatable whether this is due to a real change with age or an increasing proportion of unrecognized thyroid disease in the elderly.

**TSH** Methord: - ECLIA 1.222

 $\mu IU/mI$ .

0.350 - 5.500

NOTE-TSH levels are subject to circardian variation, reaching peak levels between 2-4 AM and min between 6-10 PM. The variation is the order of 50% hence time of the day has influence on the measures serum TSH concentration Dose and time of drug intake also influence the test result.

Transient increase in TSH levels or abnormal TSH levels can be seen in some non thyroidal conditions simultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

VINTERPRETATION-Ultra Sensitive 4th generation assay

**Technologist** Page No: 15 of 16 DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

o form



(ASSOCIATES OF MAXCARE DIAGNOSTICS)

O B-14, Vidhyadhar Enclave - II, Near Axis Bank Central Spine, Vidhyadhar Nagar, Jaipur - 302023

NAME :- Mr. VINEET KUMAR SHARMA

32 Yrs 11 Days Age :-

Sex :-Male



Patient ID: -12223329

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication 12/03/2023 10 03:40

# **IMMUNOASSAY**

2.Low TSH,high FT4 and TSH receptor antibody(TRAb) +ve seen in patients with Graves disease

3.Low TSH.high FT4 and TSH receptor antibody(TRAb) -ve seen in patients with Toxic adenoma/Toxic Multimodular gotter 4. HighTSH.Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroidtis 5. HighTSH.Low FT4 and Thyroid microsomal antibody normal seen in patients with Iodine deficiency/Congenital T4 synthesis deficiency.

5 HighTSH Low FT4 and Thyroid microsomal antibody normal seen in patients with Indine deficiency/Congenita 
6.Low TSH,Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism. 
7 Primary hypothyroidism is accompanied by \_ serum T3 and T4 values & "serum T5H levels 
8 Normal T4 levels accompanied by | T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis 
9 Normal or | T3 & T4 levels indicate T4 Thyrotoxicosis (problem is conversion of T4 to T3) 
10.Normal T3 & T4 along with | T5H indicate mild / Subclinical Hyperthyroidism . 
11.Normal T3 & T4 levels with | T5H indicate Mild / Subclinical Hypothyroidism . 
12 Normal T3 & T4 levels with | T5H indicate Mild / Subclinical Hypothyroidism . 
13 Stability | T3 levels with | T5H indicate Mild / Subclinical Hypothyroidism . 
13 Stability | T3 levels with | T5H indicate Mild / Subclinical Hypothyroidism . 
14 Normal T3 & T4 levels with | T5H indicate Mild / Subclinical Hypothyroidism . 
15 Normal T3 | T4 levels with | T5H indicate Mild / Subclinical Hypothyroidism . 
16 Normal T5 | T5 levels have the formal to represent the provided in sections the section of the se

13.Slightly † 73 levels may be found in pregnancy and in estrogen therapy while | levels may be encountered in severe illness, mainutrition, renal failure and during therapy with drugs like propanolol.

14.Although † TSH levels are nearly always indicative of Primary Hypothroidism, rarely they can result from TSH secreting pituitary tumours.

DURING PREGNANCY - REFERENCE RANGE for TSH IN uIU/mL (As per American Thyroid Association)

1st Trimester : 0.10-2.50 uIU/mL 2nd Trimester : 0.20-3.00 uIU/mL 3rd Trimester: 0.30-3.00 uIU/mL

The production, circulation, and disintegration of thyroid hormones are altered throughout the stages of pregnancy.

REMARK-Assay results should be interpreted in context to the clinical condition and associated results of other investigations. Previous treatment with corticosteroid therapy may result in lower TSH levels while thyroid hormone levels are normal. Results are invalidated if the client has undergone a radionuclide scan within 7-14 days before the test. Abnormal thyroid test findings often found in critically ill patients should be repeated after the critical nature of the condition is resolved TSH is an important marker for the diagnosis of thyroid dysfunction. Recent studies have shown that the TSH distribution progressively shifts to a higher concentration with age, and it is debatable whether this is due to a real change with age or an increasing proportion of unrecognized thyroid disease in the elderly.

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

VIKARANTJI

**Technologist** Page No: 16 of 16

o fame DR.TANU RUNGTA MD (Pathology) RMC No. 17226



# **P3 HEALTH SOLUTIONS LLP**

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

 B-14, Vidhyadhar Enclave - II, Near Axis Bank Central Spine, Vidhyadhar Nagar, Jaipur - 302023

© +91 141 4824885 maxcarediagnostics1@gmail.com

NAME :- Mr. VINEET KUMAR SHARMA

Age:- 32 Yrs 11 Days

Sex :- Male

Patient ID: -12223329

Date :- 11/03/2023

Ref. By Doctor:-BANK OF BARODA

10:32:20

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication : 12/03/2023 10:03:40

# **CLINICAL PATHOLOGY**

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
PHYSICAL EXAMINATION			
COLOUR	PALE YEL	LOW	PALE YELLOW
APPEARANCE	Clear		Clear
<b>CHEMICAL EXAMINATION</b>			
REACTION(PH)	6.0		5.0 - 7.5
SPECIFIC GRAVITY	1.010		1.010 - 1.030
PROTEIN	NIL		NII.
SUGAR	NII.		NII.
BILIRUBIN	NEGATIVE	: <u>"</u>	NEGATIVE
UROBILINOGEN	NORMAL	A	NORMAL
KETONES	NEGATIVE		NEGATIVE.
NITRITE	NEGATIVE.		NEGATIVE
MICROSCOPY EXAMINATION			
RBC/HPF	NIL	/HPF	NII.
WBC/HPF	2-3	/HPF	2-3
EPITHELIAL CELLS	2-3	/HPF	2-3
CRYSTALS/HPF	ABSENT		ABSENT
CAST/HPF	ABSENT		ABSENT
AMORPHOUS SEDIMENT	ABSENT		ABSENT
BACTERIAL FLORA	ABSENT		ABSENT
YEAST CELL	ABSENT		ABSENT
OTHER	ABSENT		

VIKARANTJI

Technologist

Page No: 12 of 16

Janu

**DR.TANU RUNGTA** MD (Pathology) RMC No. 17226



♦ +91 141 4824885 
maxcarediagnostics1@gmail.com



NAME:	MR. VINEET KUMAR SHARMA	AGE/SEX	32 YRS/M
REF.BY	BANK OF BARODA	DATE	11/03/2023

# CHEST X RAY (PA VIEW)

Bilateral lung fields appear clear.

Bilateral costo-phrenic angles appear clear.

Cardiothoracic ratio is normal.

Thoracic soft tissue and skeletal system appear unremarkable.

Soft tissue shadows appear normal.

IMPRESSION: No significant abnormality is detected.

Shallni

DR.SHALINI GOEL M.B.B.S, D.N.B (Radiodiagnosis) RMC No.: 21954



© +91 141 4824885 maxcarediagnostics1@gmail.com



MR. VINEET KUMAR SHARMA	32 Y/Male
Registration Date: 11/03/2023	Ref. by: BANK OF BARODA

# **ULTRASOUND OF WHOLE ABDOMEN**

**Liver** is of normal size (12.8 cm). Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intra hepatic biliary channels are not dilated. Portal vein diameter is normal.

**Gall bladder** is well distended. Wall is not thickened. No calculus or mass lesion is seen in gall bladder. Common bile duct is not dilated.

Pancreas is of normal size and contour. Echo-pattern is normal. No focal lesion is seen within pancreas.

Spleen is of normal size and shape (9.7 cm). Echotexture is normal. No focal lesion is seen.

**Kidneys** are normally sited and are of normal size and shape. Cortico-medullary echoes are normal. Collecting system does not show any calculus or dilatation.

Right kidney is measuring approx. 10.9 x 4.5 cm.

**Left kidney** is measuring approx. 12.4 x 4.9 cm.

Urinary bladder does not show any calculus or mass lesion.

Prostate is normal in size with normal echotexture and outline.

No enlarged nodes are visualized. No retro-peritoneal lesion is identified. No significant free fluid is seen in pelvis.

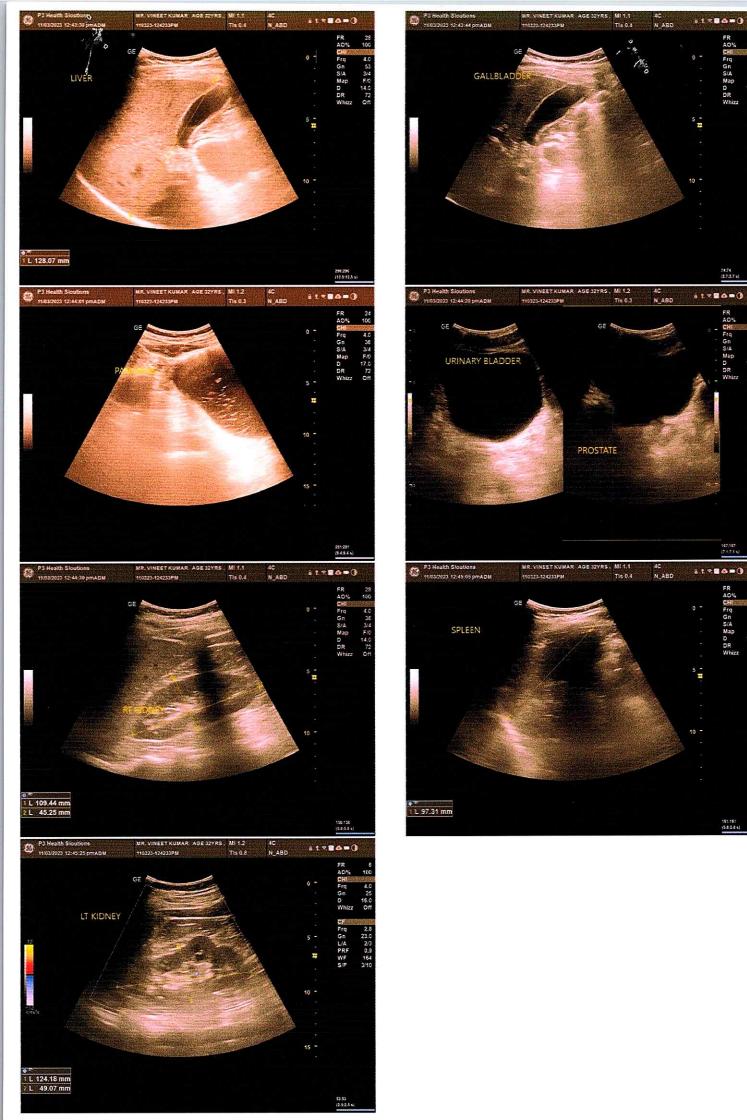
IMPRESSION:- No significant abnormality is detected.



**DR.SHALINI GOEL** 

M.B.B.S, D.N.B (Radiodiagnosis)

RMC no.: 21954



FR AO% CHES Frq Gn S/A Map D DR Whizz

3 HEALIN SULUTIONS LLP

3-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur 12229451323207/Mrvineet Kumar Sharma 32Yrs/Male

\ef.: BANK OF BARODA Test Date: 11-Mar-2023(14:42:46) Notch: 50Hz 0.05Hz - 100Hz Kgs/ Cms

> 25mm/Sec mmHg

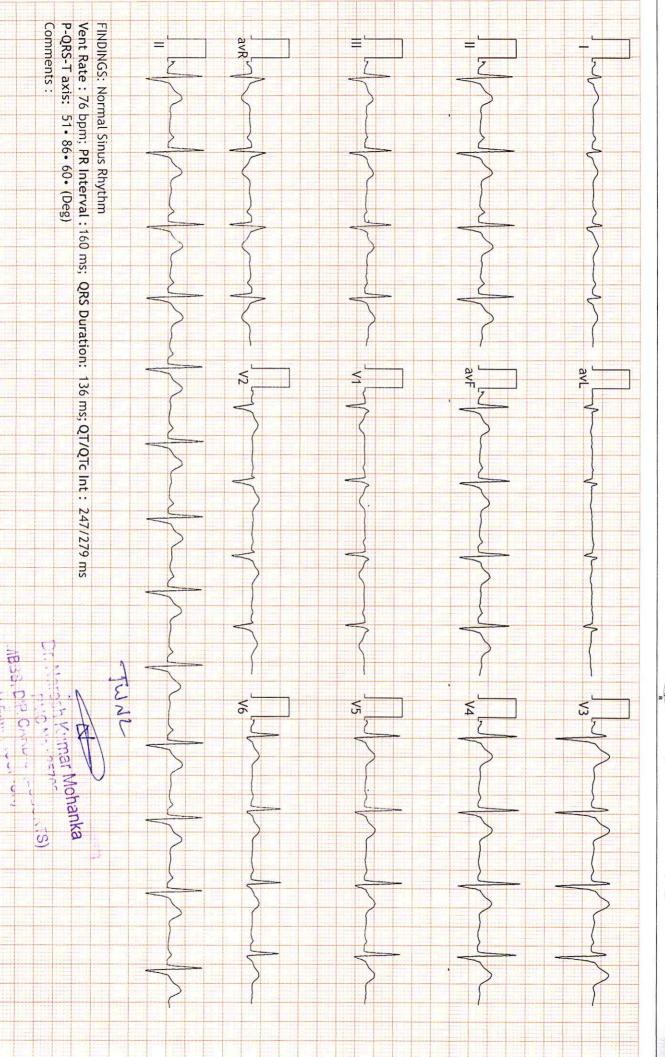
> > HR: 76 ррт

BP:

10mm/mV

QRS Duration: 136 ms QT/QTc: 247/279ms P-QRS-T Axis: 51 - 86 - 60 (Deg)

PR Interval: 160 ms



summary

# B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur '3 HEALIH SOLUTIONS LLP

1322464/MR VINEET KUMAR SHARMA 32 Yrs/Male 0 Kg/0 Cms Date: 11-Mar-2023 02:45:14 PM Ref. By : BANK OF BARODA

Medication:

Objective:

Protocol: BRUCE History:

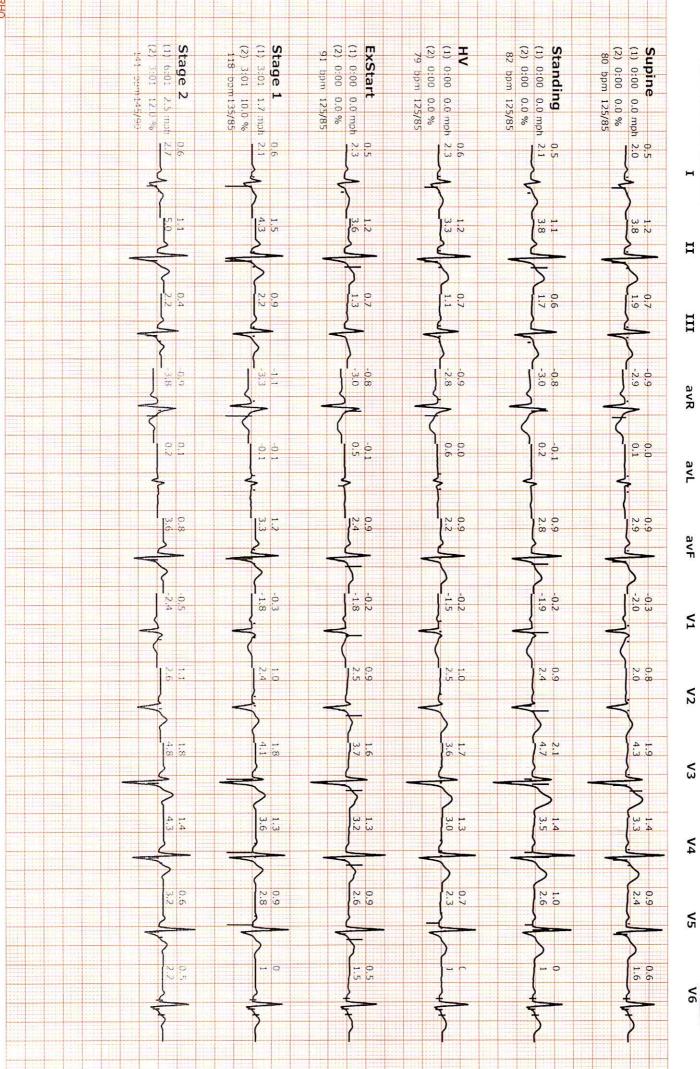


Advice/Comments:		Max WorkLoad attained	Max BP : 165/95(mmHg	At	Exercise Time	Findings:		Recovery 4:00	Recovery 3:00	Recovery 2:00	Recovery 1:00	PeakEx 0:14	Stage 3 3:01	Stage 2 3:01	Stage 1 3:01	ExStart	HV	Standing	Supine	Stage StageTime
	_1-	ained :10.5(Good Effort Tolerance)	(mmHg)		:09:14			0.0	0.0	0.0	0.0	9:15 4.2	9:02 3.4	6:02 2.5	3:02 1.7					PhaseTime Speed
	MILD NO	ort Tolerance		:168 bpm 89% of Max Predictable HR				0.0	0.0	0.0	0.0 4	16.0 10.5	14.0 10	12.0 7	10.0 4					Grade A
	TMT 18 Negative for RM1			ctable HR 188				1.0 101	1.0 102	1.0 107	4.3 119 1	168	10.2 168	7.1 141	4.7 118	1.0 91	1.0 79	1.0 82	10 80	METS H.R.
Dr. Nare	(A)							145/90 1.	155/90 1:	165/95 1	155/90 1	155/90 20	155/90 2	145/90 2	135/85 1	125/85 1	125/85	125/85 1		B.P. R.
Dr. Naresh Kumar Mohanka								146 -	158	176 -	184 -	260 -	260 -	204 -	159 -	3	98	102 -	100	R.P.P. PVC Comments
	PeakEx		Z - - -			V2	0.9 PreEx	*			7.	YS.								
	3 6 9 12	V6 /		V5 /		V4	V3		V2 /	V1		ave mondermone	avL		avR	III - manyaming Library		I morning I		S 1 2 3R

B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur

1322464/MR VINEET KUMAR SHARMA 32 Yrs/Male 0 Kg/0 Cms Dato: 11.Mar-2023 02-45-14 BM

Date: 11-Mar-2023 02:45:14 PM



B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur

1322464/MR VINEET KUMAR SHARMA 32 Yrs/Male 0 Kg/0 Cms Date: 11-Mar-2023 02:45:14 PM

Date: 11-Mar-2023 02:45:14 PM

