

(ASSOCIATES OF MAXCARE DIAGNOSTICS)

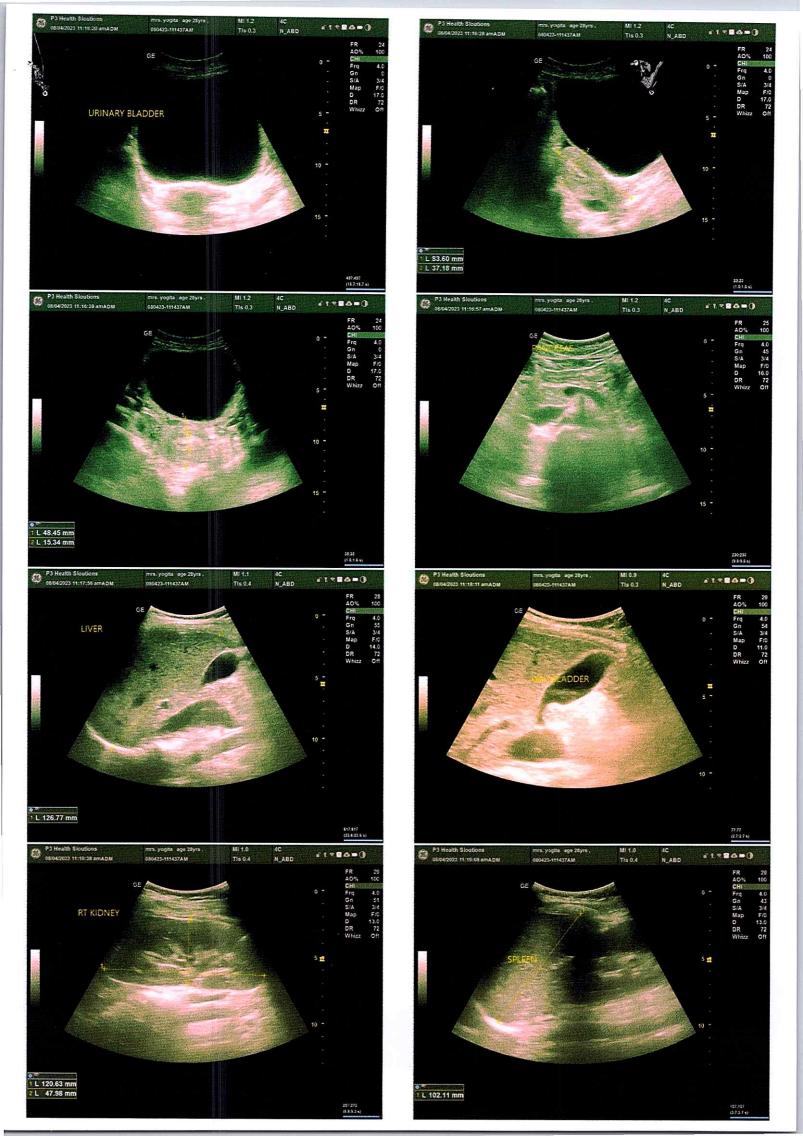
 B-14, Vidhyadhar Enclave - II, Near Axis Bank Central Spine, Vidhyadhar Nagar, Jaipur - 302023

9 +91 141 4824885 maxcarediagnostics 1@gmail.com



General Physical Examination

Date of Examination: $08/64/2023$
Name: yogifa saini Age: 28 y DOB: 02/07/109 45ex: F Referred By: Bando
Referred By: Bands
Photo ID: ADYAK CATO#: 3996
Ht: <u>167</u> (cm) Wt: <u>60</u> (Kg)
Chest (Expiration): 85 (cm) Abdomen Circumference: 60 (cm)
Blood Pressure: 1201 so mm Hg PR: 60 / min RR: 17/ min Temp: Afelonie
BMI 21.5
with Glass, RIR 7 616, N16, NCR
With Glass RIB 7 616, N16, NCB Eye Examination: 4151016 7 616 1 N16 (NCB
Other:
On examination he/she appears physically and mentally fit: Ves No
Signature Of Examine: Name of Examinee: MRS. 40 GITA SAINI
\mathcal{N}
Signature Medical Examiner: Name Medical Examiner Dr. C. Gopts
Dr. U. C. GUPTA
MBBS, MD (Physician) RMC No. 291







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MRS. YOGITA SAINI	Age: 28 Y/F		
Registration Date: 08/04/2023	Ref. by: BANK OF BARODA		

ULTRASOUND OF WHOLE ABDOMEN

Liver is of normal size (12.6 cm). Echo-texture is normal. No focal space occupying lesion is seen within liver parenchyma. Intrahepatic 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 (10.2 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. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

Right kidney is measuring approx. 12.0 x 4.7 cm.

Left kidney is measuring approx. 11.3 x 5.6 cm.

. Urinary bladder does not show any calculus or mass lesion.

Uterus is anteverted and normal in size (measuring approx. 8.3 x 3.7 x 4.8 cm). Myometrium shows normal echo-pattern. No focal space occupying lesion is seen. Endometrial echo is normal. Endometrial thickness is 15-16 mm.

Both ovaries are visualized and are normal. No adnexal mass lesion is seen.

No enlarged nodes are visualized. No retro-peritoneal lesion is identified. *Mild free fluid is seen in pouch of Douglas.*

IMPRESSION:

- Mild free fluid in POD. Adv: Clinical correlation to rule out PID.
- Rest no significant abnormality is detected.

Shallni

DR.SHALINI GOEL

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

RMC no.: 21954



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+91 141 4824885 ऒ maxcarediagnostics1@gmail.com
NAME:- Mrs. YOGITA SAINI

28 Yrs 9 Mon 7 Days

Sex :-Female



Patient ID :-122359

Date :- 08/04/2023

09:24:28

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 08/04/2023 16:28:00

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval			
FULL BODY HEALTH CHECKUP BELOW 40 FEMAL						
HAEMOGARAM	I LIVIAL					
HAEMOGLOBIN (Hb)	7.0 L	g/dL	12.0 - 15.0			
TOTAL LEUCOCYTE COUNT	4.60	/cumm	4.00 - 10.00			
DIFFERENTIAL LEUCOCYTE COUNT	17.40.40	VICE-CONTROL				
NEUTROPHIL '	63.0	%	40.0 - 80.0			
LYMPHOCYTE	30.0	%	20.0 - 40.0			
EOSINOPHIL	3.0	%	1.0 - 6.0			
MONOCYTE	4.0	%	2.0 - 10.0			
BASOPHIL	0.0	%	0.0 - 2.0			
TOTAL RED BLOOD CELL COUNT (RBC)	3.91	x10^6/uL	3.80 - 4.80			
HEMATOCRIT (HCT)	25.10 └	%	36.00 - 46.00			
MEAN CORP VOLUME (MCV)	64.0 L	n.	83.0 - 101.0			
MEAN CORP HB (MCH)	17.8 L	pg	27.0 - 32.0			
MEAN CORP HB CONC (MCHC)	27.6 L	g/dL	31.5 - 34.5			
PLATELET COUNT	232 .	x10^3/uL	150 - 410			
RDW-CV	17.9 H	%	11.6 - 14.0			

ADIYTA

Technologist Page No: 1 of 16

Janu DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



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HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR)

20

mm in 1st hr

00 - 20

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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(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



ADIYTA, VIKARANTJI

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Sex :-Female



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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interva
FASTING BLOOD SUGAR (Plasma) Methord - GOD POD	105.0	mg/dl	70.0 - 115.0
Impaired glucose tolerance (IGT)	Alternative states	111 - 125 mg/dL	
Diabetes Mellitus (DM)		. > 126 mg/dL	

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

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Janu DR.TANU RUNGTA

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28 Yrs 9 Mon 7 Days Age :-

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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (HbA Methord:- CAPILLARY with EDTA	5.2	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	103	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

The Notice quantitative determination of HbA1c in whole blood is utilized in long term monitoring of glycemia The HbA1c level correlates with the mean glucose 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]

- Increased HbA1c: iron, vitamin B12 deficiency, decreased erythropoiesis.
 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.

- 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, rheumatoid arthritis or drugs such as antiretrovirals, ribavirin & dapsone

- Increased HbA1c: hyperbilirubinemia, carbamylated hemoglobin, alcoholism, large doses of aspirin, chronic opiate use, chronic renal failure
- Decreased HbA1c: hypertriglyceridemia, 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 anemia 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)

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Mr.MEDIWHEEL

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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
			B

FULL BODY HEALTH CHECKUP BELOW 40 FEMAL

BLOOD SUGAR PP (Plasma)

101.0

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.



VIKARANTJI

Technologist

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HAEMATOLOGY

BLOOD GROUP ABO Methord:- Haemagglutination reaction

"AB" POSITIVE



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BIOCHEMISTRY

Test Name	' Value	Unit	Biological Ref Interval
LIPID PROFILE TOTAL CHOLESTEROL Methord: CHOD-PAP methodology	134.00	mg/dl	Desirable <200 Borderline 200-239
			High> 240
InstrumentName: MISPA PLUS Interpretation: disorders.	Cholesterol measurements	are used in the diagnosis a	and treatments of lipid lipoprotein metabolism
TRIGLYCERIDES Methord - GPO-PAP	101.00	mg/dl	Normal <150 Borderline high 150-199 High 200-499
		B	Very high >500

InstrumentName:Randox Rx Imola 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 52.00 mg/dl Male 35-80
Methord: Selective inhibition Method 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.

LDL CHOLESTEROL Methord:- Calculated Method	65.17	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Methord - Calculated	20.20	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord:- Calculated	2.58		0.00 - 4.90
LDL / HDL CHOLESTEROL RATIO Methord - Calculated	1.25		0.00 - 3.50
TOTAL LIPID	422.62	mg/dl	400.00 - 1000.00

- 1. 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.

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BIOCHEMISTRY

Comments: 1- ATP III suggested the addition of Non HDL Cholesterol (Total Cholesterol – HDL Cholesterol) as an indicator of all 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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91 141 4824885 maxcarediagnostics1@gmail.com NAME:- Mrs. YOGITA SAINI

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BIOCHEMISTRY

LIVER PROFILE WITH GGT				
SERUM BILIRUBIN (TOTAL) Methord - DMSO/Diazo	(*)	0.60	mg/dL	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord:- DMSO/Diazo		0.14	mg/dI.	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord Calculated		0.46	mg/dl	0.30-0.70
SGOT Methord:- IFCC		21.4	U/L	0.0 - 40.0
SGPT Methord:- IFCC		20.9	U/L	0.0 - 35.0
SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE		43.50	U/L	42.00 - 110.00
SERUM GAMMA GT Methord:- Szasz methodology Instrument Name Randox Rx Imola Interpretation Elevations in GGT levels are seen earlier and more pronounce.	nced than those	18.50 . with other liver enzymes	U/L in cases of obstructive jaundice and	5.00 - 32.00
metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-on-hepatic biliary obstruction. Only moderate elevations in the enzyme level		ormal)are observed with in	rections hepatitis.	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent		7.96	g/dl	6.00 - 8.40
SERUM ALBUMIN Methord:- Bromocresol Green		4.68	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION		3.28	gm/dl	2.20 - 3.50
A/G RATIO		1.43		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 eases) 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 Page No: 9 of 16 DR.TANU RUNGTA MD (Pathology)

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BIOCHEMISTRY

RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord:- Urease/GLDH 23.30

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

0.73

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 urea. 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

2.76

mg/dl

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

SODIUM

142.6

4 47

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

mmol/L

3.50 - 5.10

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

CHLORIDE

99.2

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM Methord: - Colorimetric method 8.43

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 A Mentoria Direct Biuret Reagent

7.96

g/dl

6.00 - 8.40

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BIOCHEMISTRY

SERUM ALBUMIN Methord:- Bromocresol Green		4.68	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	v	3.28	gm/dl	2.20 - 3.50
A/G RATIO		1.43		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-hourcollections 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 bloodincreases. 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.

ADIYTA

Technologist
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CLINICAL PATHOLOGY

URINE SUGAR (FASTING)
Collected Sample Received

Nil

Nil



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TOTAL THYROID PROFILE

IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
THYROID-TRIIODOTHYRONINE T3 Methord - ECLIA	1.07	ng/mI.	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 * TSH level 2.Low TSH,high FT4 and TSH receptor antibody(TRAb) TST LCR TCL TOTA-bits a Sensitive 4 in generation assay 1.Primary hyperthyroidsm is accompanied by 1.58 reverse on in patients with Toxic adenoma/Toxic Multinodular goiter 4.HighTSH,Low 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 lodine deficiency/Congenital T4 synthesis deficiency 6 Low TSH,Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism
7. Primary hypothyroidism is accompanied by 1 serum T3 and T4 values & serum TSH levels. Normal T4 levels accompanied by 13 levels and low TSH are seen in patients with T3 Thyrotoxicosis9. Normal or T3 & T3

10. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hyperthyroidism .11. Normal T3 & T4 along with "TSH is seen in Hypothyroidism .12. Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hypoth

DURING PREGNANCY - REFERENCE RANGE for TSH IN ulU/mL (As per American Thyroid Association) 1st Trimester : 0.10-2 50 ulU/mL 2nd Trimester : 0.20-3.00 ulU/mL 3rd Trimester : 0.30-3.00

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 radionucled scan within 7-14 days before the test. Abnormal thyroid test findings often found in critically all 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 that the results are invalidated. The 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 that 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 that 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 that the critical nature of the condition is resolved. TSH is an important marker for the diagnosis of thyroid dysfunction.

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 simpultaneous 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 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.Low TSH,Low FT4 and TRH stimulation test -Delayed response seen in patients with Terliary hypothyroidism

7 Primary hypothyroidsm is accompanied by 1 serum T3 and T4 values & "serum T3 Hevels Anomal T4 levels accompanied by "T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis9 Normal or T3 & "10.Normal T3 & T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .11.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .12.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .13.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .13.Normal T3 & "T4 along with" TSH indicate mild / Subclinical Hyperthyroidism .13.No

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 ulU/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 1.296

μIU/mL

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 simpultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

A INTERPRETATION-Ultra Sensitive 4th generation assay

The many hyperthyroidism is accompanied by † serum T3 & T4 values along with ‡ TSH level

Technologist Page No: 15 of 16

MD (Pathology) RMC No. 17226

Janu



(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:- Mrs. YOGITA SAINI

28 Yrs 9 Mon 7 Days Age :-

Female Sex :-



Patient ID :-122359

Date :- 08/04/2023

09:24:28

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp:-

Company :-

Mr.MEDIWHEEL

Final Authentication: 08/04/2023 16:28:00

IMMUNOASSAY

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

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 TRH stimulation test -Delayed response seen in patients with lodine deficiency/Congenital T4 synthesis deficiency
6.Low TSH.Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism
7.Primary hypothyroidism is accompanied by 1 serum T3 and T4 values & 1 serum TSH levels
8.Normal T4 levels accompanied by 1 T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis
9.Normal or, T3 & 174 levels indicate T4 Thyrotoxicosis (problem is conversion of T4 to T3)
10.Normal T3 & T4 along with 1 TSH indicate mild / Subclinical Hyperthyroidism
11.Normal T3 & 14 along with 1 TSH is seen in Hypothyroidism
12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism
13. Slightly 1. T3 levels may be found in gregorapry and in estrogen therapy while 1 levels may be encountered in severe illness, malnutrities.

13.Slightly † T3 levels may be found in pregnancy and in estrogen therapy while | levels may be encountered in severe illness, malnutrition, 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 **

ADIYTA

Technologist Page No: 16 of 16 DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

Janu



(ASSOCIATES OF MAXCARE DIAGNOSTICS)

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

91 141 4824885 S maxcarediagnostics1@gmail.com
NAME :- Mrs. YOGITA SAINI

28 Yrs 9 Mon 7 Days

Sex :-

Age :-Female



Patient ID :-122359

Date :- 08/04/2023

09:24:28

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 08/04/2023 16:28:00

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
PHYSICAL EXAMINATION			
COLOUR	, PALE YELLO	W	PALE YELLOW
APPEARANCE	Clear		Clear
CHEMICAL EXAMINATION			
REACTION(PH)	5.0		5.0 - 7.5
SPECIFIC GRAVITY	1.015		1.010 - 1.030
PROTEIN	NII.		NII.
SUGAR	NII.		NIL
BILIRUBIN	NEGATIVE		NEGATIVE
UROBILINOGEN	NORMAL.		NORMAL
KETONES	NEGATIVE		NEGATIVE
NITRITE	NEGATIVE		NEGATIVE
MICROSCOPY EXAMINATION			
RBC/HPF	NIL	/HPF	NIL
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		

ADIYTA

Technologist

Page No: 12 of 16

Janu

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



© +91 141 4824885 maxcarediagnostics1@gmail.com



NAME:	MRS. YOGITA	AGE/SEX	28 YRS/F
REF.BY	BANK OF BARODA	DATE	08/04/2023

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

3 HEALIH SOLUTIONS LLF

lef.: BANK OF BARODA 3-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur 12229451323395/Yogita Saini 28Yrs/Female Test Date: 08-Apr-2023(12:15:47) Notch: 50Hz 0.05Hz - 100Hz

Kgs/31 Cms BP: 10mm/mV 25mm/Sec mmHg

HR: 60 bpm

QT/QTc: 394/397ms P-QRS-T Axis: 50 - 83 - 64 (Deg) PR Interval: 138 ms QRS Duration: 90 ms

P-QRS-T axis: 50. 83. 64. (Deg) INDICATIONS: (Normal) Comments: Vent Rate: 60 bpm; PR Interval: 138 ms; QRS Duration: 90 ms; QT/QTc Int: 394/397 ms avR = **Y**2 Dr. Naresh Kumai-Mohanka RMC No.: 35703 'Bos, DIP, CARDIO (ESCORTS) D.E.M. (RCGP-UK)



summary

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

1322541/YOGITA SAINI 28 Yrs/Female 0 Kg/0 Cms 08-Apr-2023 12:18:02 PM Ref. By: BANK OF BARODA

Protocol : BRUCE

1.0 84 120/80 100 - III	on: e: STL o.5 mm//biv StageTime PhaseTime Speed Grade METs H.R. B.P. R.P.P. PVC Comments StageTime (Min:Sec) (mph) (®) (bpm) (mmHg) k100 1 ∩ 61 12∩78∩ 73 -	1.0 61 120/80 73 - 1	1.0 84 120/80 100	1.0 103 120/80 123 - III でいかか	3:01 3:02 1.7 10.0 4.7 136 130/80 176 - avr.	1:25 4:26 2.5 12.0 5.8 146 140/80 204	0.0 0.0 1.0 99 140/80 138 - avl avl	0.0 0.0 1.0 64 150/85 96 - TavL avF		:04:25	:146 bpm 76% of Max Predictable HR 192	:5.8(Fair Effort Tolerance) V3 PreEx	V4		The same	V5/ V5/	V6 7577	V6	V6 3 6 9	V6	V5 V5 V6 V6 V6 V6 V6 V6	V5 V5 V6 V6 V6 V6 V6 V6	PeakEx PeakEx 3 6 9	PeakEx PeakEx 3 6 9
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RHQ

