

बैंक ऑफ़ बड़ौदा Bank of Baroda

Name

ऋचा शर्मा RICHA SHARMA

कर्मचारी कूट क्र.

E.C. No.

174692



Boow

जारीकर्ता प्राधिकारी Issuing Authority

धारक के हस्ताक्षर 🔏 Signature of Holder

Dr. U. C. GUPTA MBBS, MD (Physician) RMC No. 291

मिलने पर निम्नलिखित को लौटाएं सहायक महाप्रबंधक (सुरक्षा) वैंक ऑफ बड़ौदा, बड़ौदा कार्पोरेट सेन्टर सी–26, जी ब्लॉक, बान्द्रा कुर्ला कॉम्पलेक्स मुम्बई 400 051, भारत फोन : 91 22 6698 5196, फैक्स : 91 22 2652 5747

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P3 HEALTH SOLUTIONS LLP

(ASSOCIATES OF MAXCARE DIAGNOSTICS

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

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General Physical Examination

Date of Examination: 22 10 22
Name: <u>Richa SHARMA</u> Age: <u>34</u> DOB: <u>02-06-1988</u> Sex: <u>F</u>
Referred By: Bank of Barada
Photo ID: 1D LARD ID#: 17-4692
Ht: 158 (cm) Wt: 59 (Kg)
Chest (Expiration): 93 (cm) Abdomen Circumference: 89 (cm)
Blood Pressure: 107 94mm Hg PR: 72 min RR: 18 min Temp: Alebric
BMI 35.7 RE J616, NIG, NCB. Eye Examination: LE J616, NIG, NCB.
Other: W)A
On examination he/she appears physically and mentally fit: Yes/No Signature Of Examine: Name of Examinee: MD. RICHA SHARMA
Signature Medical Examiner: Dr. U. C. Guptame Medical Examiner Dr. U. C. Guptame Medic
MBBS, MD (Physician) RMC No. 291



(ASSOCIATES OF MAXCARE DIAGNOSTICS)

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

91 141 4824885 maxcarediagnostics1@gmail.com NAME:- Mrs. RICHA SHARMA

34 Yrs 4 Mon 22 Days Age :-

Female Sex :-

Patient ID: -12222301

Date :- 22/10/2022

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp:-

Company:-

Mr.MEDIWHEEL

Final Authentication: 22/10/2022 17:37:23

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40 F	EMAL		
HAEMOGARAM			
HAEMOGLOBIN (Hb)	12.4	g/dL	12.0 - 15.0
TOTAL LEUCOCYTE COUNT	6.30	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	53.0	%	40.0 - 80.0
LYMPHOCYTE	39.0	%	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)	4.59	x10^6/uL	3.80 - 4.80
HEMATOCRIT (HCT)	39.70	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	86.0	fL	83.0 - 101.0
MEAN CORP HB (MCH)	27.0	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	31.3 L	g/dL	31.5 - 34.5
PLATELET COUNT	456 H	x10^3/uL	150 - 410
RDW-CV	14.0	%	11.6 - 14.0
MENTZER INDEX A complete blood picture (CBP) is a kind of blood test that	18.74 H at is done to asses	ss a person's overall health ar	0.00 - 13.00 nd diagnose a wide range of health

disorders like leukemia, anemia and other infections.

A complete blood count (CBC) is a complete blood test that diagnose many components and features of a persons blood which includes: -

- *Red Blood Cells (RBC), which carry oxygen -
- *White Blood Cells (WBC), which help in fighting against infections -
- *Hemoglobin, which is the oxygen carrying protein in the red blood cells -
- *Hematocrit (HCT), the proportion of RBC to the fluid component, or plasma present in blood -
- *Platelets, which aid in blood clotting

(CBC): Methodology TLC, TRBC, PCV, PLT Impedance method, HB Calorimetric method, and MCH, MCV, MCHC, MENTZER INDEX are calculated. InstrumentName: MINDRAY BC-3000 Plus 3 part automatic analyzer,

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Technologist

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



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HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR)

15

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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DR.TANU RUNGTA



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BIOCHEMISTRY

 SERUM ALBUMIN Methord:- Bromocresol Green
 4.12
 g/dl
 2.80 - 4.50

 SERUM GLOBULIN Methord:- CALCUL ATION
 3.06
 gm/dl
 2.20 - 3.50

 A/G RATIO
 1.35
 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.



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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (Hb. Methord:- CAPILLARY with EDTA	A1C) 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) 57 - 64 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 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; hyperbilinubinemia, 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.

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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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226

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HAEMATOLOGY

BLOOD GROUP ABO Methord:- Haemagglutination reaction "AB" POSITIVE



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>500

High

Very high

BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
LIPID PROFILE			
TOTAL CHOLESTEROL Methord:- CHOD-PAP methodology	210.00	mg/dl	Desirable <200 Borderline 200-239 High> 240
$\label{local_equation} In strument Name: \mbox{MISPA PLUS Interpretated} is orders.$	ion: Cholesterol measurement	s are used in the diagnosis	and treatments of lipid lipoprotein metabolism
TRIGLYCERIDES Methord:- GPO-TOPS methodology	65.40	mg/dl	Normal <150 Borderline high 150-199 High 200-499

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 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 CHOLESTEROI 130.70 mg/dl Optimal <100 Near Optimal/above optimal 100-129 Methord: - Calculated Method Borderline High 130-159 High 160-189 Very High > 190 VLDL CHOLESTEROL Methord:- Calculated 13.08 mg/dl 0.00 - 80.00T.CHOLESTEROL/HDL CHOLESTEROL RATIO 0.00 - 4.903.07 LDL/HDL CHOLESTEROL RATIO 1.91 0.00 - 3.50Methord - Calculated TOTAL LIPID 559.54 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

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 fromperipheral tissues.

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

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BIOCHEMISTRY

LIVER PROFILE WITH GGT			
SERUM BILIRUBIN (TOTAL) Methord:- DMSO/Diazo	0.70	mg/dL	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord - DMSO/Diazo	0.12	mg/dL	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord:-Calculated	0.58	mg/dl	0.30-0.70
SGOT Methord:-IFCC	28.1	U/L	Men- Up to - 37.0 Female - Up to - 31.0
SGPT Methord:- IFCC	30.9	U/L	Men- Up to - 40.0 Female- Up to - 31.0
SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE	50.00	U/L	42.00 - 110.00
SERUM GAMMA GT Methord: - Szasz methodology Instrument Name Randox Rx Imela Interpretation: Elevations in GGT levels are seen earlier and more pronounced than tho	16.20	U/L s in cases of obstructive jaundice and	5.00 - 32.00
metastatic neoplasms. It may reach 5 to 30 times normal levels in intra-or post- hepatic bihary obstruction. Only moderate elevations in the enzyme level (2 to 5 times	normal)are observed with	infectious hepatitis.	
SERUM TOTAL PROTEIN Methord:- Direct Biuret Reagent	7.18	g/dl	5.10 - 8.00
SERUM ALBUMIN Methord:- Bromocresol Green	4.12	g/dl	2.80 - 4.50

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.

1.35

gm/dl

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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SERUM GLOBULIN

Methord: - CALCULATION

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2.20 - 3.50

1.30 - 2.50



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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
FASTING BLOOD SUGAR (Plasma) Methord:- GOD POD	76.9	mg/dl	70.0 - 115.0
Impaired glucose tolerance (IGT)	11	11 - 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.

BLOOD SUGAR PP (Plasma)

Methord:- GOD PAP

80.4

mg/dl

70.0 - 140.0

Instrument Name: HORIBA 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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DR.TANU RUNGTA MD (Pathology) RMC No. 17226



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BIOCHEMISTRY

RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord:- Urease/GLDH 15.40

mg/dl

10.00 - 50.00

InstrumentName: MISPA PLUS Interpretation: Urea measurements are used in the diagnosis and treatment of certain renal and metabolic diseases.

SERUM CREATININE Methord: - Jaffe's Method

1.13

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

3.96

mg/dl

2.40 - 7.00

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

SODIUM Methord:- ISE 135.1

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

4 40

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

101.2

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM Methord:- Arsenazo III Method

10.03

mg/dL

8.80 - 10.20

InstrumentName: MISPA 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 DelicofA Direct Buret Reagen

7.18

g/dl

5.10 - 8.00

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TOTAL THYROID PROFILE

IMMUNOASSAY

Test Name	Value	Unit	Biological Ref Interval
	(W. 1999a)	6 30	Stockwed and le W

THYROID-TRIIODOTHYRONINE T3

1.26

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-Utra 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 adenomaToxic Multinodular goiter 4.HighTSH,Low FT4 and TSH receptor antibody increased seen in patients with Hashimotos thyroiditis 5 HighTSH,Low FT4 and Thyroid microsomal antibody normal seen in patients with Hashimotos thyroiditis 5 HighTSH,Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyroidism is accompanied by 1 serum T3 and T4 values & serum T5 and T8H levels accompanied by 1 serum T3 and T4 values & serum T5 and T8H levels accompanied by 1 serum T3 and T4 values & serum T3 and T4 values & serum T3 and T4 values & serum T5 and T8H levels accompanied by 1 serum T3 and T4 values & serum T5 and T8H levels and t9H levels and

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 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 conticosteroid 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 FFFF ROTDaw FFF VRODAW FFF (TAS) is due to a real change with age of 13-2 reasons or coordion of FFFF and ized thyroid disease in the elderly. " 5.10 - 14.10

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) +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 thyroidistis 5.HighTSH,Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroidistis 5.HighTSH,Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroidistis 5.HighTSH,Low FT4 and Thyroid microsomal antibody increased seen in patients with Hashimotos thyroidistin 5.HighTSH,Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertlary hypothyroidism 7.Permary hypothyroidism is accompanied by 1 serum TS and T4 values & serum TSH levels accompanied by 1 serum TSH levels and low TSH are seen in patients with T3 Thyrotoxicosis9.Normal or T3 & T10.Normal T3 & T4 along with 1 SH indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .12.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .13.Normal T3 & T4 levels with 1 TSH indicate Mild / Subclinical Hypothyroidism .13.Normal T3 & T4 levels with 1 TSH indicate

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 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 2.030

uIU/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, simoultaneous measurement of TSH with free T4 is useful in evaluating differential diagnosis

A LINTERPRETATION-Ulira Sensitive 4th generation assay
LiPhinary hyperthyroidism is accompanied by †serum T3 & T4 values along with ‡ TSH level.

Technologist

Page No: 14 of 15

MD (Pathology) RMC No. 17226

Janu

This report is not valid for medico legal purpose



01_141_4824885 maxcarediagnostics1@gmail.com

Age :-34 Yrs 4 Mon 22 Days

Sex :-Female



Patient ID: -12222301

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company:-

Mr.MEDIWHEEL

Final Authentication: 22/10/2022 17:37:23

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 Multinodular golter
4. HighTSH,Low FT4 and Th root enicrosomal antibody increased seen in patients with Hashimotos thyroiditis
5. HighTSH,Low FT4 and Thyroid microsomal antibody normal seen in patients with Toxic deficiency/Congenital T4 synthesis deficiency
6.Low TSH,Low FT4 and TRH simulation test -Delayed response seen in patients with Toxicary hypothyroidism
7. Primary hypothyroidism is accompanied by [serum T3 and T4 values & [serum TSH levels
8. Normal T4 levels accompanied by [T3 levels and low TSH are seen in patients with T3 Thyrotoxicosis
9. Normal T4 Levels (L78 & L74 Levels indicate). The Thyrotoxicis (T54 L73)

8 Normal 14 levels accompanied by § 13 levels and low 15H are seen in patents with 13 inyrotoxicosis

9.Normal or § 13 & § 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 & § 14 along with § T5H indicate Mild / Subclinical Hypothyroidism.

12.Normal T3 & T4 levels with § T5H indicate Mild / Subclinical Hypothyroidism.

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 ulU/mL (As per American Thyroid Association)

1st Trimester : 0.10-2 50 uIU/mt 2nd Trimester : 0.20-3.00 uIU/mL

3rd Trimester: 0.30-3:00 ulti/mi

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: 15 of 15

Janu DR.TANU RUNGTA



+91 141 4824885 maxcarediagnostics1@gmail.com NAME :- Mrs. RICHA SHARMA

34 Yrs 4 Mon 22 Days Age :-

Sex :-Female



Patient ID: -12222301

10:23:27

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Ref. By Doctor:-BANK OF BARODA

Final Authentication: 22/10/2022 17:37:23

CLINICAL PATHOLOGY

Test Name	Value Unit	Biological Ref Interval
Urine Routine		
PHYSICAL EXAMINATION		
COLOUR	PALE YELLOW	PALE YELLOW
APPEARANCE	Clear	Clear
CHEMICAL EXAMINATION		
REACTION(PH)	5.0	5.0 - 7.5
SPECIFIC GRAVITY	1.030	1.010 - 1.030
PROTEIN	Trace	NIL
SUGAR	NIL	NIL
BILIRUBIN	NEGATIVE	NEGATIVE
UROBILINOGEN	NORMAL	NORMAL
KETONES	NEGATIVE (NEGATIVE
NITRITE	NEGATIVE	NEGATIVE
MICROSCOPY EXAMINATION		
RBC/HPF	NIL /HPF	NIL
WBC/HPF	3-4 /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 15

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



© +91 141 4824885 maxcarediagnostics1@gmail.com



NAME:	MRS. RICHA SHARMA	AGE	34 YRS/F
REF.BY	BANK OF BARODA	DATE	22/10/2022

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





MRS. RICHA SHARMA	Age: 34 Y/F
Registration Date: 22/10/2022	Ref. by: BANK OF BARODA

ULTRASOUND OF WHOLE ABDOMEN

Liver is of normal size (12.2 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 of normal size. 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. No focal lesion is seen. Collecting system does not show any dilatation or calculus.

Right kidney is measuring approx. 10.4 x 4.9 cm.

Left kidney is measuring approx. 10.6 x 5.5 cm.

Urinary bladder does not show any calculus or mass lesion.

Uterus is anteverted and normal in size (measuring approx. $8.0 \times 4.4 \times 4.1 \text{ cm}$). Myometrium shows normal echo-pattern. No focal space occupying lesion is seen. Endometrial echo is normal. Endometrial thickness is 3.7 mm.

A well-defined, anechoic, unilocular, cystic lesion of size 3.2 x 2.7 cm (AP x TR) is noted in right ovary. No evidence of internal soft tissue component/calcification/vascularity is noted – <u>likely simple ovarian</u> <u>cyst.</u>

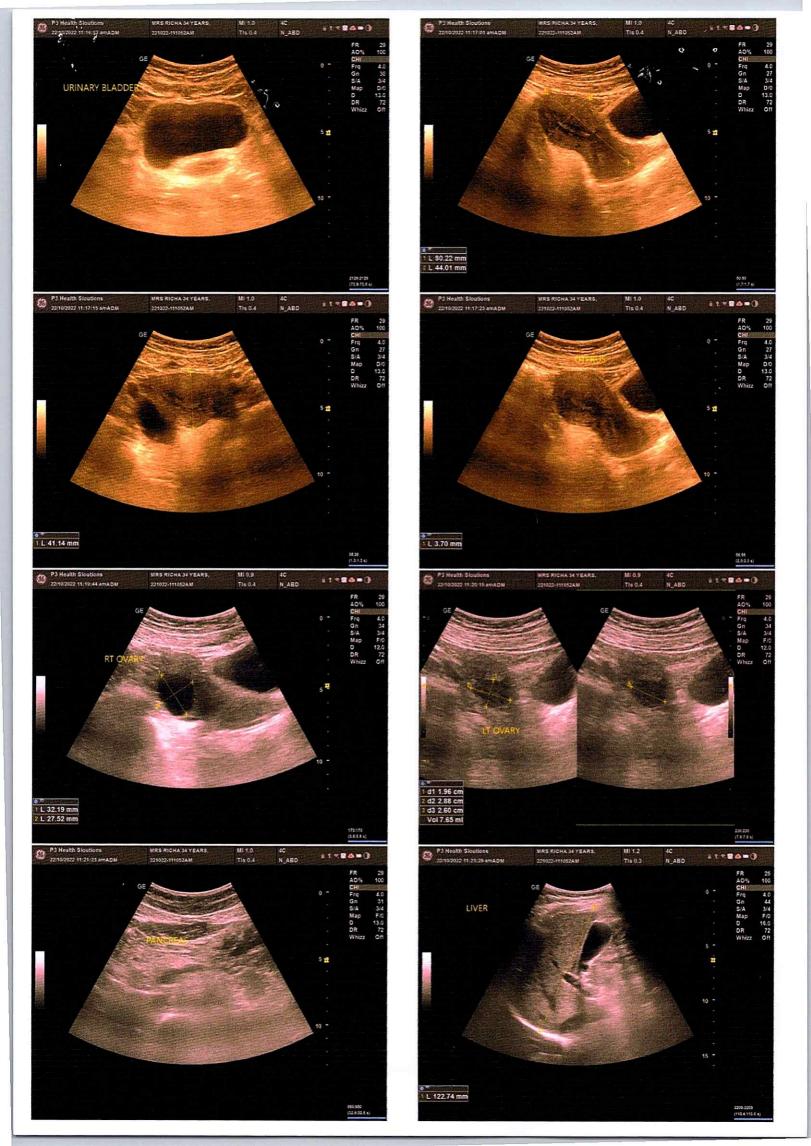
Left ovary measures 1.9 x2.8 x 2.6 cm, volume 7.6 cc

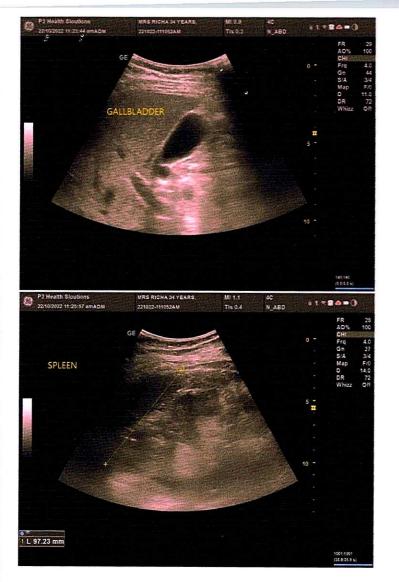
No enlarged nodes are visualized. No retro-peritoneal lesion is identified. No significant free fluid is seen in pouch of Douglas.

IMPRESSION:

- Simple right ovarian cyst as described above (ORADS-2). Adv: Follow up.
- Rest no significant abnormality is detected.

MBBS, DNB (Radiologist)
RMC No. 21954
P-3 Health Solutions LLP







B-14, Vidhyanagar Nagar, Enclave, Phase-2, Jaipur 12229451322320/Mrs Richa Sharma 34Yrs-11Months/Female Ref.: BANK OF BARODA Test Date: 22-Oct-2022(14:21:12) Notch: 50Hz 0.05Hz - 100Hz 10mm/mV P-QRS-T axis: 49.33.40. (Deg) Comments: Vent Rate: 76 bpm; PR Interval: 138 ms; QRS Duration: 110 ms; QT/QTc Int: 363/410 ms FINDINGS: Normal Sinus Rhythm avR avF 5 ≤ Kgs/ Cms BP: 25mm/Sec __ mmHg Dr. Naresh Kumar Mohanka HR: 76 bpm Chy expion (Simus shythm ceciti 8 ≲ 5 ¥ P-QRS-T Axis: 49 - 33 - 40 (Deg) QT/QTc: 363/410ms QRS Duration: 110 ms 5 leo:01

Print Date: 22-Oct-2022(Page 1 of 1)

MBBS, DIP. CARDIO (ESCORTS)

RMC No.: 35703

P3 HEALTH SOLUTIONS LLP

PR Interval: 138 ms

Summary

) B-14, Vidhyadhar Nagar Enclave, Phase -2, Jaipur 1322171/MRS RICHA SHARMA 34 Yrs/Female 0 Kg/0 Cms
Date: 22-Oct-2022 02:23:07 PM
Ref Rv : BANK OF RARONA

StageTime PhaseTime Speed Grade METS H.R. B.P. R.P. P.W. Comments e	ve :
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1.0 118 120/80 141 - 3:01 3:02 1.7 10:0 4.7 139 130/80 188 - 3:01 3:02 1.7 10:0 4.7 139 130/80 188 - 3:01 6:02 2.5 12.0 7.1 181 140/80 253 - 3:01 0:42 6:43 3.4 14.0 7.8 179 140/80 254 - 2:00 0.0 0.0 1.2 160 140/80 224 - 2:00 0.0 0.0 1.0 133 150/80 199 - 3:00 0.0 0.0 1.0 120 140/80 199 - 3:00 0.0 0.0 1.0 120 140/80 199 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 0.0 1.0 120 140/80 157 - 3:00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	
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0.42 6:43 3.4 14.0 7.8 179 140/80 250	Stage 2 3:0
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2:00 0.0 0.0 1.0 133 150/80 199 - 4:00 0.0 0.0 0.0 1.0 120 140/80 168 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 1.0 121 130/80 157 - 4:00 0.0 0.0 0.0 121 130/80 157 - 4:00 0.0 0.0 0.0 121 130/80 157 - 4:00 0.0 0.0 0.0 121 130/80 157 - 4:00 0.0 0.0 0.0 121 130/80 157 - 4:00 0.0 0.0 0.0 0.0 121 130/80 157 - 4:00 0.0 0.0 0.0 0.0 121 130/80 157 - 4:00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Recovery 1:0
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