



आस्तोय विशिवह पहन्रज्ञ प्राधिकरण

Unique Identification Authority of India

अर्घागिनी: मनीष कुमार गुप्ता, वॉर्ड न. 9 पुजारियो का मोहल्ला, खोरा लाड खानी, शाहपुरा, गठ्वारी, जयपुर, राजस्थान - 303120

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WWW.



(ASSOCIATES OF MAXCARE DIAGNOSTICS)

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

(S) +91 141 4824885 (S) maxcarediagnostics1@gmail.com



General Physical Examination

Date of Examination: 11 03 2023
Name: Shikha Agentus al Age: 33 DOB: 02/02/1990 Sex: Female
Referred By: Bank of baseody
Photo ID: Adherd ID#: 2064
Ht: 156 (cm) Wt: 52 (Kg)
Chest (Expiration): 85 (cm) Abdomen Circumference: 77 (cm)
Blood Pressure: 120 / 80 mm Hg PR: 78 / min RR: 18 / min Temp:
Eye Examination: $RE - 6/6$, $N/6$, MCB
Other:
On examination he/she appears physically and mentally fit: Yes / No
Signature Of Examine: Shikha Agentual ame of Examinee: Shikha Agentual
Signature Medical Examiner: Or. U. C. GUPTA Name Medical Examiner Do. U.C. Gupty MBBS, MD (Physician) RMC No. 281



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NAME:- Mrs. SHIKHA AGARWAL

33 Yrs 1 Mon 6 Days Age :-

Sex :-Female



Patient ID: -12223334

Date :- 11/03/2023

10:51:35

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 12/03/2023 13:57:23

HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
FULL BODY HEALTH CHECKUP BELOW 40	FEMAL		
HAEMOGARAM			
HAEMOGLOBIN (Hb)	12.1	g/dL	12.0 - 15.0
TOTAL LEUCOCYTE COUNT	7.70	/cumm	4.00 - 10.00
DIFFERENTIAL LEUCOCYTE COUNT			
NEUTROPHIL	60.0	%	40.0 - 80.0
LYMPHOCYTE	33.0	%	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)	4.25	x10^6/uI	3.80 - 4.80
HEMATOCRIT (HCT)	38.10	%	36.00 - 46.00
MEAN CORP VOLUME (MCV)	90.0	n.	83.0 - 101.0
MEAN CORP HB (MCH)	28.0	pg	27.0 - 32.0
MEAN CORP HB CONC (MCHC)	31.8	g/dL	31.5 - 34.5
PLATELET COUNT	264	x10^3/uL	150 - 410
RDW-CV	13.9	%	11.6 - 14.0

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HAEMATOLOGY

Erythrocyte Sedimentation Rate (ESR)

14

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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Technologist

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



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HAEMATOLOGY

Test Name	Value	Unit	Biological Ref Interval
GLYCOSYLATED HEMOGLOBIN (HbA1C) Methord:- CAPILLARY with EDTA	5.9	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	123	mg/dI.	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 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.]

1. Erythropoiesis

- Increased 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

- 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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HAEMATOLOGY

BLOOD GROUP ABO Methord:- Haemagglutination reaction

"B" POSITIVE



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BIOCHEMISTRY

Test Name	Value	Unit	Biological Ref Interval
LIPID PROFILE TOTAL CHOLESTEROL Methord:- CHOD-PAP methodology	194.00	mg/dl	Desirable <200 Borderline 200-239 High> 240
InstrumentName:MISPA PLUS Interpretation	on: Cholesterol measurements	s are used in the diagnosis a	and treatments of lipid lipoprotein metabolism

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 Methord:- Selective inhibition Method

64.00

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. LDL CHOLESTEROL Methord:- Calculated Method	115.17	mg/dl	Optimal <100 Near Optimal/above optimal 100-129 Borderline High 130-159 High 160-189 Very High > 190
VLDL CHOLESTEROL Methord: - Calculated	17.80	mg/dl	0.00 - 80.00
T.CHOLESTEROL/HDL CHOLESTEROL RATIO Methord: - Calculated	3.03 ·		0.00 - 4.90
LDL/HDL CHOLESTEROL RATIO Methord:- Calculated	1.80		0.00 - 3.50
TOTAL LIPID Methord: CALCULATED	546.82	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 VIKARANTJI Janu

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DR.TANU RUNGTA

MD (Pathology) RMC No. 17226



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NAME :- Mrs. SHIKHA AGARWAL 33 Yrs 1 Mon 6 Days

Sex :-Female

Age :-

Patient ID :-12223334 Date :- 11/03/2023

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Company :-Mr.MEDIWHEEL

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BIOCHEMISTRY

Test Name	1	Value	Unit	Biological Ref Inter	val
FASTING BLOOD SUGAR (Plasma) Methord - GOD POD		87.9	mg/dl	70.0 - 115.0	
Impaired glucose tolerance (IGT)			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.

BLOOD SUGAR PP (Plasma) Methord: - GOD PAP

97.3

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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Date :- 11/03/2023

BIOCHEMISTRY

LIVER PROFILE WITH GGT	2#2}		
SERUM BILIRUBIN (TOTAL) Methord:- DMSO/Diazo	0.67	mg/dl.	Infants: 0.2-8.0 mg/dL Adult - Up to - 1.2 mg/dL
SERUM BILIRUBIN (DIRECT) Methord:- DMSO/Diazo	0.19	mg/dI.	Up to 0.40 mg/dL
SERUM BILIRUBIN (INDIRECT) Methord:- Calculated	0.48	mg/dl	0.30-0.70
SGOT Methord:- IFCC	16.3	U/L	Men- Up to - 37.0 Female - Up to - 31.0
SGPT Methord - IFCC	18.4	U/L	Men- Up to - 40.0 Female- Up to - 31.0
SERUM ALKALINE PHOSPHATASE Methord:- DGKC - SCE	52.40	U/I.	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 pronounced than to	18.40	U/L, zymes 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 biliary obstruction. Only moderate elevations in the enzyme level (2 to 5 times)	nes normal)are observed	with infectious hepatitis.	
SERUM TOTAL PROTEIN Methord - Direct Biuret Reagent	7.90	g/dl	5.10 - 8.00
SERUM ALBUMIN Methord:- Bromocresol Green	5.39	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.51	gm/dl	2.20 - 3.50
A/G RATIO	2.15		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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BIOCHEMISTRY

RFT / KFT WITH ELECTROLYTES

SERUM UREA Methord:- Urease/GLDH 27.40

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 diseases.

uiscases.

SERUM CREATININE Methord:- Jaffe's Method 0.84

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.

clinically significant. SERUM URIC ACID

2.85

mg/dl

2.40 - 7.00

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 Methord - ISE

35.6

mmol/I

135.0 - 150.

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: - ISF.

3 78

mmol/L

3.50 - 5.50

Interpretation: A. Elevated potassium (hyperkalaemia). Artefactual, Physiologidalvation, Drugs, Pathological states, Renal failure 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

Methord: - ISE

98.0

mmol/L

94.0 - 110.0

Interpretation: Used for Electrolyte monitoring.

SERUM CALCIUM Methord: - Colorimetric method 10.50

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

7.90

o/dl

5.10 - 8.00

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BIOCHEMISTRY

SERUM ALBUMIN Methord:- Bromocresol Green	5.39	g/dl	3.50 - 5.50
SERUM GLOBULIN Methord:- CALCULATION	2.51	gm/dl	2.20 - 3.50
A/G RATIO	2.15		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.

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 bloodincreases. Certain drugs are nephrotoxic hence KFT is done before and after initiation of treatment with these drugs.

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

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TOTAL THYROID PROFILE

IMMIINOASSAV

1 Indiana in the second in the			
Test Name	Value	Unit	Biological Ref Interval
THYROID-TRIIODOTHYRONINE T3	1.14	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 * TSH level 2. Low TSH, high FT4 and TSH receptor antibody(TRAb) The Total Care Sensitive 4 in generation assay 1.Primary hypothyrioidism is accompanied by Seruni 1-3.8 14 values along with "SH levels controlled to the Shiph SH, high FT4 and TSH receptor antibody(TRAb) -ve seen in patients with Graves disease 3.Low TSH, high FT4 and TSH receptor antibody normal seen in patients with Hashimotos thyroididis 5 HighTSH, Low FT4 and Thyroid microsomal antibody normal seen in patients with Indiana deficiency/Congenital T4 synthesis deficiency 6 Low TSH, Low FT4 and TRH stimulation test -Delayed response seen in patients with Tertiary hypothyrioidism as accompanied by 1 serun TS and T4 values 8 serun TSH levels accompanied by 1 serun TSH levels and low TSH are seen in patients with T3 Thyrotoxicosis9. Normal T-1 8 T4 along with "TSH indicate mild / Subclinical Hypothyrioidism .12. Normal T3 & T4 along with "TSH indicate mild / Subclinical Hypothyrioidism .12. Normal T3 & T4 levels with "TSH indicate Mild / Subclinical Hypothyrioidism .12. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .13. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .14. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along with "TSH indicate Mild / Subclinical Hypothyrioidism .15. Normal T3 & T4 along wi

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 THARONDOR PHARONDING (144) s due to a real change with age of the proportion of

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 13 & 14 values along with 1SH level 2 Low 1SH, high FT4 and 1SH 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 microsoma antibody increased seen in patients with Hashimotos thyroidrits 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 Terilary hypothyroidism

7 Primary hypothyroidism is accompanied by 1 serum T3 and T4 values & 'serum T3 & T4 along with "T3 Evels and low T5H are seen in patients with T3 Thyrotoxicosis9.Normal or T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .12.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T3 & T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T4 along with "T5H indicate mild / Subclinical Hypothyroidism .13.Normal T4 along with "T5H in

DURING PREGNANCY - REFERENCE RANGE for TSH IN uIU/mL (As per American Thyroid Association) 1st Trimester : 0.10-2.50 uIU/mL 2rd Trimester : 0.20-3.00 uIU/mL 3rd Trimester : 0.30-3.00 utU/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 2.021

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 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

Janu



© +91 141 4824885 ☎ maxcarediagnostics1@gmail.com
NAME:- Mrs. SHIKHA AGARWAL

Age :-33 Yrs 1 Mon 6 Days

Sex :-Female



Patient ID :-12223334

Date :- 11/03/2023

10:51:35

Ref. By Doctor:-BANK OF BARODA

Lab/Hosp :-

Company :-

Mr.MEDIWHEEL

Final Authentication: 12/03/2023 13:57:23

CLINICAL PATHOLOGY

Test Name	Value	Unit	Biological Ref Interval
Urine Routine			
PHYSICAL EXAMINATION	5		
COLOUR	PALE YELL	OW	PALE YELLOW
APPEARANCE	Clear		Clear
CHEMICAL EXAMINATION			
REACTION(PH)	7.0		5.0 - 7.5
SPECIFIC GRAVITY	1.010		1.010 - 1.030
PROTEIN	NIL		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	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		

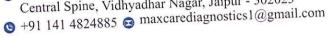
VIKARANTJI

Technologist Page No: 12 of 16

Janu DR.TANU RUNGTA

MD (Pathology) RMC No. 17226







NAME:	MRS. SHIKHA AGARWAL	AGE/SEX	33 YRS/F
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.



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



MRS. SHIKHA AGARWAL Age: 33 Y/F

Registration Date: 11/03/2023 Ref. by: BANK OF BARODA

ULTRASOUND OF WHOLE ABDOMEN

Liver is of normal size (13.2 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 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 (9.4 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. 10.5 x 4.0 cm.

Left kidney is measuring approx. 10.7 x 4.3 cm.

Urinary bladder does not show any calculus or mass lesion.

Uterus is anteverted and normal in size (measuring approx. 7.2 x 3.5 x 3.6 cm).

Myometrium shows normal echo -pattern. No focal space occupying lesion is seen. Endometrial echo is normal. Endometrial thickness is 5.7 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. No significant free fluid is seen in pouch of Douglas.

IMPRESSION: No significant abnormality is detected.



DR.SHALINI GOEL

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

RMC no.: 21954

