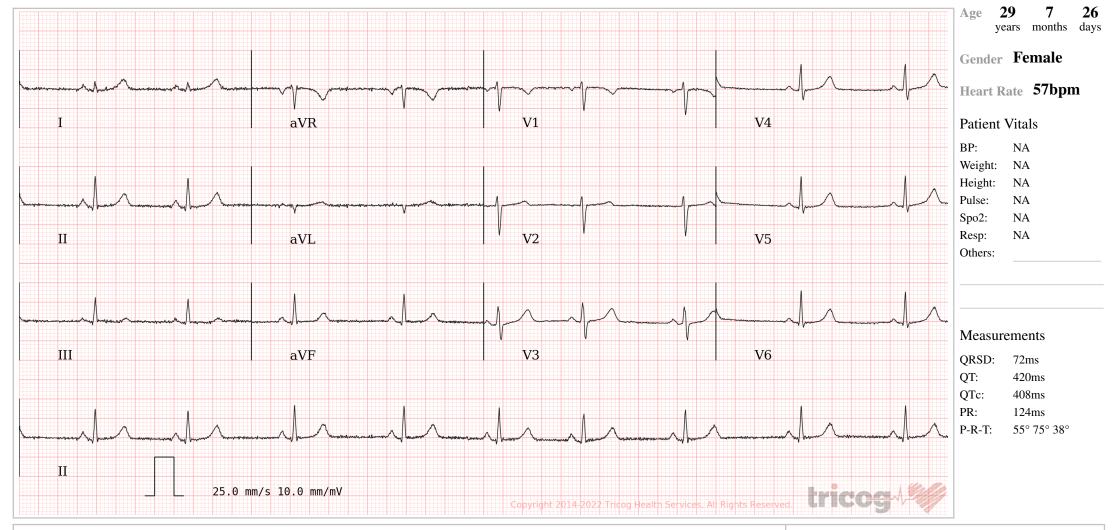
SUBURBAN DIAGNOSTICS - THANE KASARAVADAVALI



Patient Name: K VISHAKHA RAO Patient ID: 2222804030 Date and Time: 16th Aug 22 11:12 AM



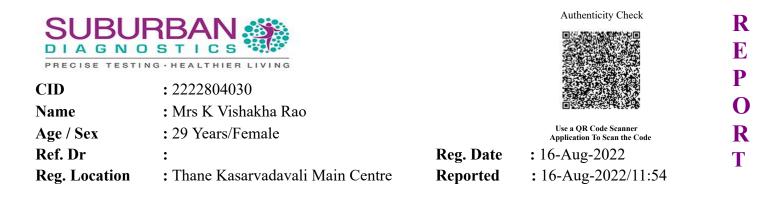
ECG Within Normal Limits: Sinus Bradycardia, with Sinus Arrhythmia.Please correlate clinically.

REPORTED BY



Dr Kavin Shah MBBS, D.CARD 2009/10/3488

Disclaimer: 1) Analysis in this report is based on ECG alone and should be used as an adjunct to clinical history, symptoms, and results of other invasive and non-invasive tests and must be interpreted by a qualified physician. 2) Patient vitals are as entered by the clinician and not derived from the ECG.



USG ABDOMEN AND PELVIS

LIVER:

Liver appears normal in size and echotexture. There is no intra-hepatic biliary radical dilatation. No evidence of any focal lesion.

GALL BLADDER:

Gall bladder is distended and appears normal. Wall thickness is within normal limits. There is no evidence of any calculus.

PORTAL VEIN:

Portal vein is normal. <u>CBD:</u> CBD is normal.

PANCREAS:

Visualised pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification. Pancreatic duct is not dilated.

KIDNEYS:

Right kidney measures 9.8 x 4.1 cm. Left kidney measures 10.0 x 4.3 cm. Both kidneys are normal in size, shape and echotexture. Corticomedullary differentiation is maintained. There is no evidence of any hydronephrosis, hydroureter or calculus.

SPLEEN:

Spleen is normal in size, shape and echotexture. No focal lesion is seen.

URINARY BLADDER:

Urinary bladder is distended and normal. Wall thickness is within normal limits.

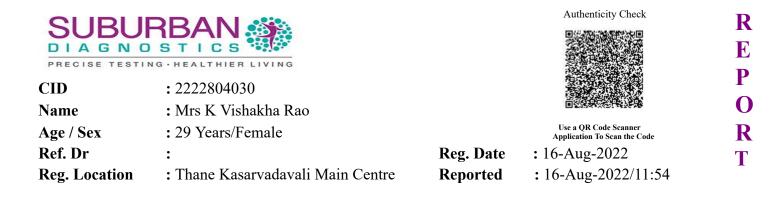
UTERUS:

Uterus is anteverted and measures 7.1 x 3.4 x 3.5 cm. Uterine myometrium shows homogenous echotexture. Endometrial echo is in midline and measures 5.8 mm. Cervix appears normal.

OVARIES:

Both ovaries are normal.

No free fluid or significant lymphadenopathy is seen.



<u>IMPRESSION:</u> NO SIGNIFICANT ABNORMALITY IS DETECTED.

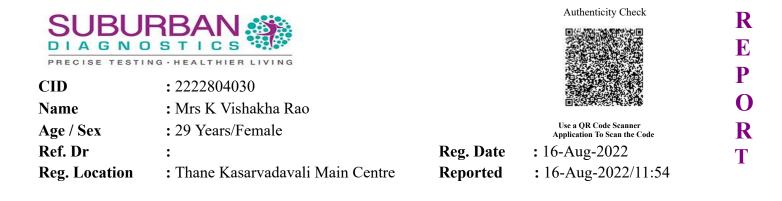
Investigations have their limitations. Solitary radiological investigations never confirm the final diagnosis. They only help in diagnosing the disease in correlation to clinical symptoms and other related tests. USG is known to have interobserver variations. Further/follow-up imaging may be needed in some cases for confirmation / exclusion of diagnosis.

-----End of Report-----

This report is prepared and physically checked by DR GAURAV FARTADE before dispatch.

G. R. Forte

Dr.GAURAV FARTADE MBBS, DMRE Reg No -2014/04/1786 Consultant Radiologist





: 2222804030

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Name Age / Sex Ref. Dr Reg. Location

CID

: Mrs K Vishakha Rao : 29 Years/Female : : Thane Kasarvadavali Main Centre

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X-RAY CHEST PA VIEW

Both lung fields are clear.

Both costo-phrenic angles are clear.

The cardiac size and shape are within normal limits.

The domes of diaphragm are normal in position and outlines.

The skeleton under review appears normal.

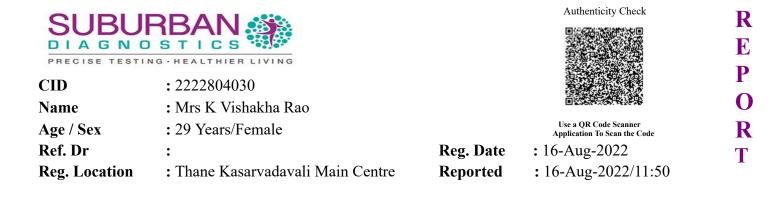
IMPRESSION: NO SIGNIFICANT ABNORMALITY IS DETECTED.

-----End of Report-----

This report is prepared and physically checked by DR GAURAV FARTADE before dispatch.

G. R. Forte

Dr.GAURAV FARTADE MBBS, DMRE Reg No -2014/04/1786 Consultant Radiologist





CID	: 2222804030
Name	: MRS.K VISHAKHA RAO
Age / Gender	: 29 Years / Female
Consulting Dr.	:-
Reg. Location	: Thane Kasarvadavali (Main Centre)

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood			
<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>	
13.8	12.0-15.0 g/dL	Spectrophotometric	
4.73	3.8-4.8 mil/cmm	Elect. Impedance	
41.7	36-46 %	Measured	
88	80-100 fl	Calculated	
29.2	27-32 pg	Calculated	
33.1	31.5-34.5 g/dL	Calculated	
12.4	11.6-14.0 %	Calculated	
6400	4000-10000 /cmm	Elect. Impedance	
SOLUTE COUNTS			
30.2	20-40 %		
1932.8	1000-3000 /cmm	Calculated	
3.6	2-10 %		
230.4	200-1000 /cmm	Calculated	
63.2	40-80 %		
4044.8	2000-7000 /cmm	Calculated	
3.0	1-6 %		
192.0	20-500 /cmm	Calculated	
0.0	0.1-2 %		
0.0	20-100 /cmm	Calculated	
-			
	RESULTS 13.8 4.73 41.7 88 29.2 33.1 12.4 6400 SOLUTE COUNTS 30.2 1932.8 3.6 230.4 63.2 4044.8 3.0 192.0 0.0	RESULTS BIOLOGICAL REF RANGE 13.8 12.0-15.0 g/dL 4.73 3.8-4.8 mil/cmm 41.7 36-46 % 88 80-100 fl 29.2 27-32 pg 33.1 31.5-34.5 g/dL 12.4 11.6-14.0 % 6400 4000-10000 /cmm SOLUTE COUNTS 30.2 30.2 20-40 % 1932.8 1000-3000 /cmm 3.6 2-10 % 230.4 200-1000 /cmm 63.2 40-80 % 4044.8 2000-7000 /cmm 3.0 1-6 % 192.0 20-500 /cmm 0.0 0.1-2 %	

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Page 1 of 11

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HEALTHLINE - MUMBAI: 022-6170-0000 | OTHER CITIES: 1800-266-4343

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ECISE TESTING - HEALTHIEH LIVING			Р
CID : 2222804030			
Name : MRS.K VISHAKHA RA	0		0
Age / Gender : 29 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
Consulting Dr. : -	Collected	:16-Aug-2022 / 10:42	
Reg. Location : Thane Kasarvadaval	i (Main Centre) Reported	:16-Aug-2022 / 14:24	т

Platelet Count	261000	150000-400000 /cmm	Elect. Impedance
MPV	8.4	6-11 fl	Calculated
PDW	13.8	11-18 %	Calculated
RBC MORPHOLOGY			
Hypochromia			
Microcytosis	-		
Macrocytosis	-		
Anisocytosis	-		
Poikilocytosis	-		
Polychromasia	-		
Target Cells	-		
Basophilic Stippling	-		
Normoblasts	-		
Others	Normocytic,Normochromic		
WBC MORPHOLOGY			
PLATELET MORPHOLOGY			
COMMENT	-		
Specimen: EDTA Whole Blood			

ESR, EDTA WB 24 2-20 mm at 1 hr. Westergren *Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West

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Dr.IMRAN MUJAWAR M.D (Path) Pathologist

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CID: 2222804030Name: MRS.K VISHAKHA RAOAge / Gender: 29 Years / FemaleConsulting Dr.: -Reg. Location: Thane Kasarvadavali (Main Centre)Reported



:16-Aug-2022 / 15:28

AERFO	CAMI HEALTHCARE BE	LOW 40 MALE/FEMALE	
PARAMETER	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	86.5	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	92.0	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.28	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.13	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.15	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.6	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.5	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.1	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.1	1 - 2	Calculated
SGOT (AST), Serum	11.6	5-32 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	9.1	5-33 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	8.4	3-40 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	73.1	35-105 U/L	PNPP

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Urine Ketones (Fasting)

PIAGNOSTI RECISE TESTING · HEAT			E P O Use a QR Code Scanner Application To Scan the Code Collected Reported 12.8-42.8 mg/dl 6-20 mg/dl 0.51-0.95 mg/dl -60 ml/min/1.73sqm 2.4-5.7 mg/dl 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		
CID	: 22228040)30			Р
Name	: MRS.K VI	SHAKHA RAO			0
Age / Gender	: 29 Years	/ Female			R
Consulting Dr. Reg. Location	: - :Thane Ka	ısarvadavali (Main Centre)	-	-	т
BLOOD UREA,	, Serum	13.4	12.8-42.8 mg/dl	Urease & GLDH	
BUN, Serum		6.3	6-20 mg/dl	Calculated	
CREATININE,	Serum	0.57	0.51-0.95 mg/dl	Enzymatic	
eGFR, Serum		133	>60 ml/min/1.73sqm	Calculated	
URIC ACID, Se	erum	3.2	2.4-5.7 mg/dl	Uricase	
Urine Sugar (Fa	asting)	Absent	Absent		

Urine Sugar (PP) Absent Absent Urine Ketones (PP) Absent Absent *Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West

Absent

*** End Of Report ***

Absent



Amit Taon'

Dr.AMIT TAORI M.D (Path) Pathologist

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: 2222804030

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Name

Age / Gender

Consulting Dr.

Reg. Location

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE GLYCOSYLATED HEMOGLOBIN (HbA1c) RESULTS **BIOLOGICAL REF RANGE** PARAMETER **METHOD Glycosylated Hemoglobin** 5.7 HPLC Non-Diabetic Level: < 5.7 % (HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 % **Estimated Average Glucose** 116.9 Calculated mg/dl (eAG), EDTA WB - CC

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: MRS.K VISHAKHA RAO			C
: 29 Years / Female		Use a QR Code Scanner Application To Scan the Code	R
: -	Collected	:16-Aug-2022 / 10:42	
: Thane Kasarvadavali (Main Centre)	Reported	:16-Aug-2022 / 17:19	т
	: MRS.K VISHAKHA RAO : 29 Years / Female : -	: MRS.K VISHAKHA RAO : 29 Years / Female : - Collected	: MRS.K VISHAKHA RAO : 29 Years / Female : - Collected :16-Aug-2022 / 10:42

Intended use:

- In patients who are meeting treatment goals, HbA1c test should be performed at least 2 times a year
- In patients whose therapy has changed or who are not meeting glycemic goals, it should be performed quarterly
- For microvascular disease prevention, the HbA1C goal for non pregnant adults in general is Less than 7%.

Clinical Significance:

- HbA1c, Glycosylated hemoglobin or glycated hemoglobin, is hemoglobin with glucose molecule attached to it.
- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of glycosylated hemoglobin in the blood.

Test Interpretation:

- The HbA1c test evaluates the average amount of glucose in the blood over the last 2 to 3 months by measuring the percentage of Glycosylated hemoglobin in the blood.
- HbA1c test may be used to screen for and diagnose diabetes or risk of developing diabetes.
- To monitor compliance and long term blood glucose level control in patients with diabetes.
- Index of diabetic control, predicting development and progression of diabetic micro vascular complications.

Factors affecting HbA1c results:

Increased in: High fetal hemoglobin, Chronic renal failure, Iron deficiency anemia, Splenectomy, Increased serum triglycerides, Alcohol ingestion, Lead/opiate poisoning and Salicylate treatment.

Decreased in: Shortened RBC lifespan (Hemolytic anemia, blood loss), following transfusions, pregnancy, ingestion of large amount of Vitamin E or Vitamin C and Hemoglobinopathies

Reflex tests: Blood glucose levels, CGM (Continuous Glucose monitoring)

References: ADA recommendations, AACC, Wallach's interpretation of diagnostic tests 10th edition.

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab *** End Of Report ***



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Dr.LEENA SALUNKHE M.B.B.S, DPB (PATH) Pathologist

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Neutral (7.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.010-1.030	Chemical Indicator
Transparency	Slight hazy	Clear	-
Volume (ml)	50	-	-
CHEMICAL EXAMINATION			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Trace	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATION			
Leukocytes(Pus cells)/hpf	4-5	0-5/hpf	
Red Blood Cells / hpf	Occasional	0-2/hpf	
Epithelial Cells / hpf	8-10		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	3-4	Less than 20/hpf	

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West *** End Of Report ***



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Dr.IMRAN MUJAWAR M.D (Path) Pathologist

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE BLOOD GROUPING & Rh TYPING

PARAMETER

RESULTS

ABO GROUP 0 **Rh TYPING** Positive

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

Note: This sample has also been tested for Bombay group/Bombay phenotype/Oh using anti-H lectin.

Specimen: EDTA Whole Blood and/or serum

Clinical significance:

ABO system is most important of all blood group in transfusion medicine

Limitations:

- ABO blood group of new born is performed only by cell (forward) grouping because allo antibodies in cord blood are of maternal origin.
- Since A & B antigens are not fully developed at birth, both Anti-A & Anti-B antibodies appear after the first 4 to 6 months of life. As a result, weaker reactions may occur with red cells of newborns than of adults.
- Confirmation of newborn's blood group is indicated when A & B antigen expression and the isoagglutinins are fully developed at 2 to 4 years of age & remains constant throughout life.
- Cord blood is contaminated with Wharton's jelly that causes red cell aggregation leading to false positive result
- The Hh blood group also known as Oh or Bombay blood group is rare blood group type. The term Bombay is used to refer the phenotype that lacks normal expression of ABH antigens because of inheritance of hh genotype.

Refernces:

1 Denise M Harmening, Modern Blood Banking and Transfusion Practices- 6th Edition 2012. F.A. Davis company. Philadelphia 2. AABB technical manual

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West

*** End Of Report **



Mujawar

Dr.IMRAN MUJAWAR M.D (Path) Pathologist

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CID	: 2222804030
Name	: MRS.K VISHAKHA RAO
Age / Gender	: 29 Years / Female
· 5·	: - : Thane Kasarvadavali (Main Centre)



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Collected Reported

:16-Aug-2022 / 10:42 :16-Aug-2022 / 15:28

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE I IPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	140.4	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	59.5	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
HDL CHOLESTEROL, Serum	39.6	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	100.8	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	89.0	Optimal: <100 mg/dl Near Optimal: 100 - 129 mg/dl Borderline High: 130 - 159 mg/dl High: 160 - 189 mg/dl Very High: >/= 190 mg/dl	Calculated
VLDL CHOLESTEROL, Serum	11.8	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.6	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.3	0-3.5 Ratio	Calculated

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD G B Road Lab, Thane West *** End Of Report ***



Mujawar

Dr.IMRAN MUJAWAR M.D (Path) Pathologist

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CID

Authenticity Check R F : 2222804030 O Name : MRS.K VISHAKHA RAO Use a OR Code Scanner : 29 Years / Female Age / Gender Application To Scan the Code Consulting Dr. Collected : -:16-Aug-2022 / 10:42 Reported :16-Aug-2022 / 14:39 Reg. Location : Thane Kasarvadavali (Main Centre) т

Third Trimester:0.3-3.0

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS RESULTS **BIOLOGICAL REF RANGE** PARAMETER **METHOD** Free T3, Serum 4.6 3.5-6.5 pmol/L **ECLIA** Free T4, Serum 18.2 11.5-22.7 pmol/L **ECLIA** First Trimester:9.0-24.7 Second Trimester: 6.4-20.59 Third Trimester: 6.4-20.59 sensitiveTSH, Serum 1.01 0.35-5.5 microIU/ml **ECLIA** First Trimester:0.1-2.5 Second Trimester: 0.2-3.0

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CID	: 2222804030			
Name	: MRS.K VISHAKHA RAO			
Age / Gender	: 29 Years / Female		Use a QR Code Scanner Application To Scan the Code	
Consulting Dr.	: -	Collected	:16-Aug-2022 / 10:42	
Reg. Location	: Thane Kasarvadavali (Main Centre)	Reported	:16-Aug-2022 / 14:39	

Interpretation:

A thyroid panel is used to evaluate thyroid function and/or help diagnose various thyroid disorders.

Clinical Significance:

1)TSH Values between high abnormal upto15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors

can give falsely high TSH.

2)TSH values may be trasiently altered becuase of non thyroidal illness like severe infections, liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non- thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

Diurnal Variation:TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7% (with in subject variation)

Reflex Tests: Anti thyroid Antibodies, USG Thyroid , TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:

1. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours

following the last biotin administration.

 Patient samples may contain heterophilic antibodies that could react in immunoassays to give falsely elevated or depressed results. this assay is designed to minimize interference from heterophilic antibodies.

Reference:

1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)

2. Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357

3. Tietz , Text Book of Clinical Chemistry and Molecular Biology -5th Edition

4.Biological Variation: From principles to Practice-Callum G Fraser (AACC Press)

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*** End Of Report ***

Amit Taom

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