

Patient Name: YADAV VIVEK

Date and Time: 26th Feb 22 10:52 AM

Patient ID: 2205727402

Age **29** 1 20
years months days

Gender **Male**

Heart Rate **74bpm**

Patient Vitals

BP: NA

Weight: NA

Height: NA

Pulse: NA

Spo2: NA

Resp: NA

Others: _____

Measurements

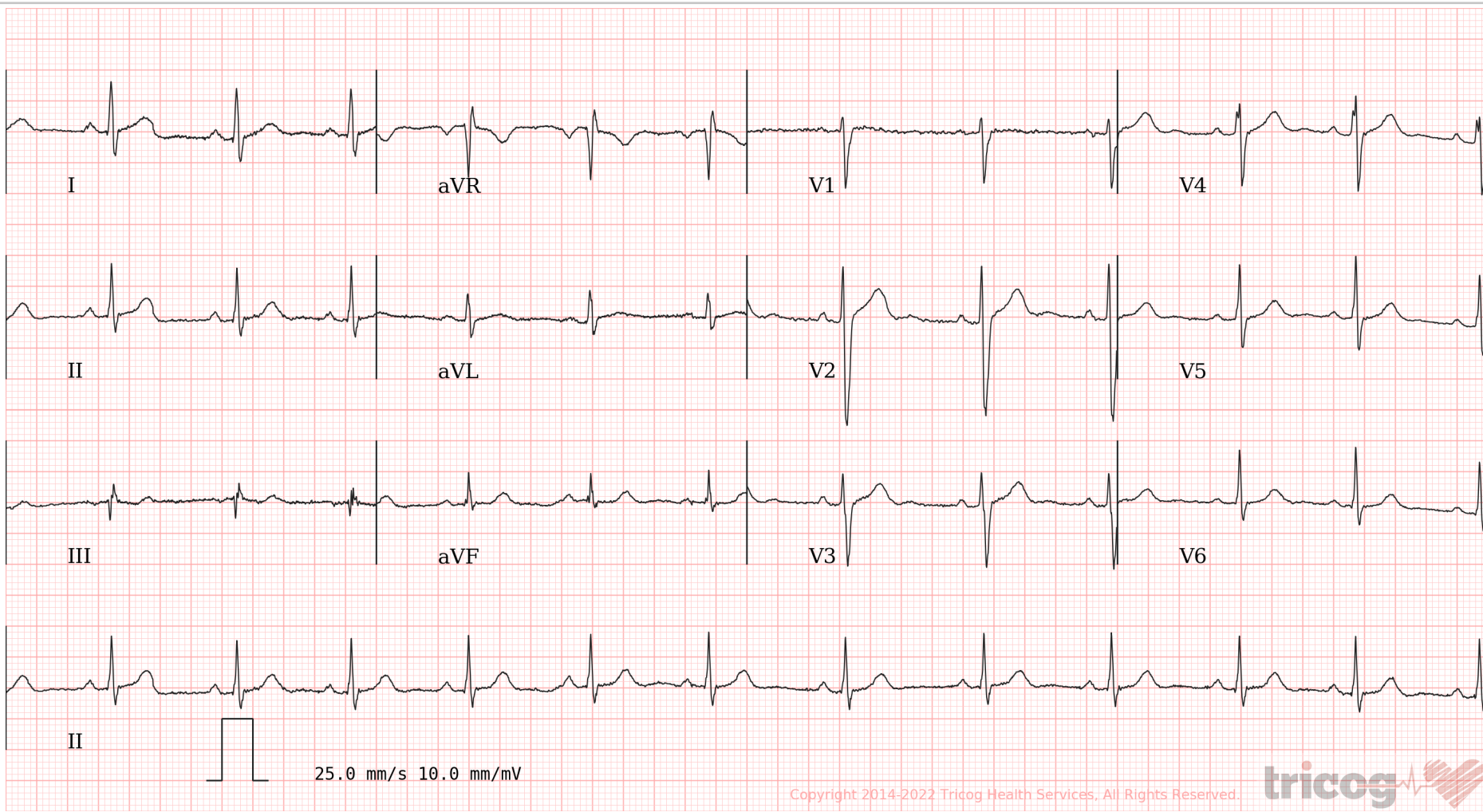
QSRD: 86ms

QT: 356ms

QTc: 395ms

PR: 144ms

P-R-T: 27° 36° 35°



ECG Within Normal Limits: Sinus Rhythm, Normal Axis. Within Normal Limit. Please correlate clinically.

REPORTED BY

[Signature]

DR ISHWARLAL BAMB
M.B.B.S MD (MEDICINE)
cardiologist
39452



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CID : 2205727402
Name : Mr YADAV VIVEK
Age / Sex : 29 Years/Male
Ref. Dr :
Reg. Location : Swargate, Pune Main Centre

Reg. Date : 26-Feb-2022 / 11:02
Reported : 26-Feb-2022 / 11:22

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USG WHOLE ABDOMEN

LIVER: Normal in size (measures 14.0 cms) and shows generalised increased echogenicity. No IHBR dilatation. Hepatic veins appear normal. Portal vein and common bile duct show normal caliber.

GALL BLADDER : Partially distended. No evidence of any pericholecystic collection.

PANCREAS : Normal in size and echotexture. Pancreatic duct is normal.

SPLEEN : Normal in size and echopattern. No focal lesion. Splenic vein is normal.

RIGHT KIDNEY : Measures 9.5 x 4.4 cm. Normal in size and echogenicity. No calculus or hydronephrosis. Corticomedullary differentiation is maintained.

LEFT KIDNEY : Measures 9.7 x 4.8 cm. Normal in size and echogenicity. No calculus or hydronephrosis. Corticomedullary differentiation is maintained.

Retroperitonium and flanks obscured due to bowel gas.
Paraaortic and paracaval region appears to be normal.
No evidence of lymphnodes noted.
No free fluid in abdomen.

URINARY BLADDER : Well distended. No calculi. Wall thickness is normal.

PROSTATE : Normal in size and shows normal echotexture.

IMPRESSION : Normal size liver with fatty changes.

Clinical correlation is indicated.

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

This report is prepared and physically checked by Dr Nikhil Joshi before dispatch.

DR. NIKHIL G. JOSHI
M.B.B.S., D.M.R.E.
REG. NO. 2001/02/397

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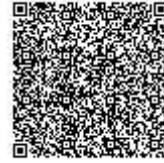
<http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022022609440853>

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Reported : 26-Feb-2022 / 12:38

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X-RAY CHEST PA VIEW

The lung fields are clear with no parenchymal lesion.

The cardiothoracic ratio is maintained and the cardiac outline is normal.

The domes of the diaphragm are normal.

The cardio and costophrenic angles are clear.

Bony thorax is normal.

IMPRESSION : Essentially normal X-ray of the chest.

Clinical corelation is indicated.

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

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M.B.B.S., D.M.R.E.
REG. NO. 2001/02/397

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CID : 2205727402
Name : MR.YADAV VIVEK
Age / Gender : 29 Years / Male
Consulting Dr. : -
Reg. Location : Swargate, Pune (Main Centre)

Collected : 26-Feb-2022 / 09:43
Reported : 26-Feb-2022 / 11:40

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<u>RBC PARAMETERS</u>			
Haemoglobin	15.0	13.0-17.0 g/dL	Spectrophotometric
RBC	5.44	4.5-5.5 mil/cmm	Elect. Impedance
PCV	45.9	40-50 %	Calculated
MCV	84	80-100 fl	Calculated
MCH	27.6	27-32 pg	Calculated
MCHC	32.8	31.5-34.5 g/dL	Calculated
RDW	12.7	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	5800	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	37.1	20-40 %	
Absolute Lymphocytes	2151.8	1000-3000 /cmm	Calculated
Monocytes	5.8	2-10 %	
Absolute Monocytes	336.4	200-1000 /cmm	Calculated
Neutrophils	53.1	40-80 %	
Absolute Neutrophils	3079.8	2000-7000 /cmm	Calculated
Eosinophils	3.9	1-6 %	
Absolute Eosinophils	226.2	20-500 /cmm	Calculated
Basophils	0.1	0.1-2 %	
Absolute Basophils	5.8	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	166000	150000-400000 /cmm	Elect. Impedance
MPV	10.8	6-11 fl	Calculated
PDW	19.0	11-18 %	Calculated

RBC MORPHOLOGY

Hypochromia	-
Microcytosis	-



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Macrocytosis -
Anisocytosis -
Poikilocytosis -
Polychromasia -
Target Cells -
Basophilic Stippling -
Normoblasts -
Others Normocytic, Normochromic
WBC MORPHOLOGY -
PLATELET MORPHOLOGY -
COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB 5 2-15 mm at 1 hr. Westergren

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Pune Lab, Pune Swargate

*** End Of Report ***



MC-2463



Shruti Ramteke

Dr.SHRUTI RAMTEKE
M.B.B.S, DCP (PATH)
Pathologist

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Reg. Location : Swargate, Pune (Main Centre)

Collected : 26-Feb-2022 / 09:43
Reported : 26-Feb-2022 / 12:18

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	95.3	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	118.2	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.4	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.19	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.21	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.3	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.7	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.7	1 - 2	Calculated
SGOT (AST), Serum	39.6	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	78.2	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	48.3	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	56.0	40-130 U/L	Colorimetric
BLOOD UREA, Serum	20.0	12.8-42.8 mg/dl	Kinetic
BUN, Serum	9.3	6-20 mg/dl	Calculated
CREATININE, Serum	0.77	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	127	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	7.4	3.5-7.2 mg/dl	Enzymatic



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Urine Sugar (Fasting)	Absent	Absent
Urine Ketones (Fasting)	Absent	Absent

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



MC-2463




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Reg. Location : Swargate, Pune (Main Centre)

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Reported : 26-Feb-2022 / 13:30

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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
GLYCOSYLATED HEMOGLOBIN (HbA1c)**

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB - CC	5.6	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	114.0	mg/dl	Calculated

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 Pune Lab, Pune Swargate

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MC-2463

Signature

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Reported : 26-Feb-2022 / 13:35

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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
EXAMINATION OF FAECES**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>
<u>PHYSICAL EXAMINATION</u>		
Colour	Brown	Brown
Form and Consistency	Semi Solid	Semi Solid
Mucus	Trace	Absent
Blood	Absent	Absent
<u>CHEMICAL EXAMINATION</u>		
Reaction (pH)	Acidic (6.5)	-
Occult Blood	Absent	Absent
<u>MICROSCOPIC EXAMINATION</u>		
Protozoa	Absent	Absent
Flagellates	Absent	Absent
Ciliates	Absent	Absent
Parasites	Absent	Absent
Macrophages	Absent	Absent
Mucus Strands	Flakes +	Absent
Fat Globules	Absent	Absent
RBC/hpf	Absent	Absent
WBC/hpf	Occasional	Absent
Yeast Cells	Absent	Absent
Undigested Particles	Present +	-
Concentration Method (for ova)	No ova detected	Absent
Reducing Substances	- -	Absent

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>PHYSICAL EXAMINATION</u>			
Color	Yellow	Pale Yellow	-
Reaction (pH)	Acidic (5.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.015	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	30	-	-
<u>CHEMICAL EXAMINATION</u>			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Absent	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
<u>MICROSCOPIC EXAMINATION</u>			
Leukocytes(Pus cells)/hpf	1-2	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	0-1		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	3-4	Less than 20/hpf	

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Reported : 26-Feb-2022 / 13:26

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

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	A
Rh TYPING	Positive

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

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

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	147.4	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	107.6	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	39.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	107.6	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	86.0	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	Colorimetric
VLDL CHOLESTEROL, Serum	21.6	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.7	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.2	0-3.5 Ratio	Calculated

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
THYROID FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Free T3, Serum	4.9	2.6-5.7 pmol/L	CMIA
Kindly note change in reference range and method w.e.f. 16/08/2019			
Free T4, Serum	14.1	9-19 pmol/L	CMIA
Kindly note change in reference range and method w.e.f. 16/08/2019			
sensitiveTSH, Serum	1.77	0.35-4.94 microIU/ml	CMIA

Kindly note change in reference range and method w.e.f. 16/08/2019. NOTE: 1) TSH values between 5.5 to 15 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 transiently altered because of non thyroidal illness like severe infections, liver disease, renal & heart failure, severe burns, trauma & surgery etc.



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Interpretation:

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

Clinical Significance:

- 1)TSH Values between 5.5 to 15 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 transiently altered because 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: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.

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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CID#	: 2205727402	SID#	: 177804654456
Name	: MR.YADAV VIVEK	Registered	: 26-Feb-2022 / 09:43
Age / Gender	: 29 Years/Male	Collected	: 26-Feb-2022 / 09:43
Consulting Dr.	: -	Reported	: 26-Feb-2022 / 11:24
Reg.Location	: Swargate, Pune (Main Centre)	Printed	: 26-Feb-2022 / 11:28

USG WHOLE ABDOMEN

LIVER: Normal in size (measures 14.0 cms) and **shows generalised increased echogenicity.** No IHBR dilatation. Hepatic veins appear normal. Portal vein and common bile duct show normal caliber.

GALL BLADDER : Partially distended. No evidence of any pericholecystic collection.

PANCREAS : Normal in size and echotexture. Pancreatic duct is normal.

SPLEEN : Normal in size and echopattern. No focal lesion. Splenic vein is normal.

RIGHT KIDNEY : Measures 9.5 x 4.4 cm. Normal in size and echogenicity. No calculus or hydronephrosis. Corticomedullary differentiation is maintained.

LEFT KIDNEY : Measures 9.7 x 4.8 cm. Normal in size and echogenicity. No calculus or hydronephrosis. Corticomedullary differentiation is maintained.

Retroperitoneum and flanks obscured due to bowel gas.

Paraaortic and paracaval region appears to be normal.

No evidence of lymphnodes noted.

No free fluid in abdomen.

URINARY BLADDER : Well distended. No calculi. Wall thickness is normal.

PROSTATE : Normal in size and shows normal echotexture.

IMPRESSION : Normal size liver with fatty changes.

Clinical correlation is indicated.

*** End Of Report ***



Dr.NIKHIL JOSHI
MBBS , DMRE

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Reg.Location	: Swargate, Pune (Main Centre)	Printed	: 26-Feb-2022 / 12:38

X-RAY CHEST PA VIEW

The lung fields are clear with no parenchymal lesion.

The cardiothoracic ratio is maintained and the cardiac outline is normal.

The domes of the diaphragm are normal.

The cardio and costophrenic angles are clear.

Bony thorax is normal.

IMPRESSION : Essentially normal X-ray of the chest.

Clinical corelation is indicated.

*** End Of Report ***



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Reg.Location	: Swargate, Pune (Main Centre)	Printed	: 26-Feb-2022 / 14:04

PHYSICAL EXAMINATION REPORT

History and Complaints:

NO

EXAMINATION FINDINGS:

Height (cms):	169cm	Weight (kg):	83kg
Temp (0c):	Afebrile	Skin:	Normal
Blood Pressure (mm/hg):	136/80mmHg	Nails:	Healthy
Pulse:	74/min	Lymph Node:	Not Palpable

Systems

Cardiovascular: S1 S2 Normal no Murmurs
Respiratory: Normal
Genitourinary: Normal
GI System: Soft non tender no Organomegaly
CNS: Normal

IMPRESSION:

ADVICE:

CHIEF COMPLAINTS:

- | | |
|-----------------------------|----|
| 1) Hypertension: | NO |
| 2) IHD | NO |
| 3) Arrhythmia | NO |
| 4) Diabetes Mellitus | NO |
| 5) Tuberculosis | NO |

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- | | |
|--|----|
| 6) Asthama | NO |
| 7) Pulmonary Disease | NO |
| 8) Thyroid/ Endocrine disorders | NO |
| 9) Nervous disorders | NO |
| 10) GI system | NO |
| 11) Genital urinary disorder | NO |
| 12) Rheumatic joint diseases or symptoms | NO |
| 13) Blood disease or disorder | NO |
| 14) Cancer/lump growth/cyst | NO |
| 15) Congenital disease | NO |
| 16) Surgeries | NO |
| 17) Musculoskeletal System | NO |

PERSONAL HISTORY:

- | | |
|---------------|------------|
| 1) Alcohol | Occsaional |
| 2) Smoking | Occsaional |
| 3) Diet | Mixed |
| 4) Medication | NO |

*** End Of Report ***



Dr.I U BAMB