SUBURBAN DIAGNOSTICS - LULLANAGAR, PUNE



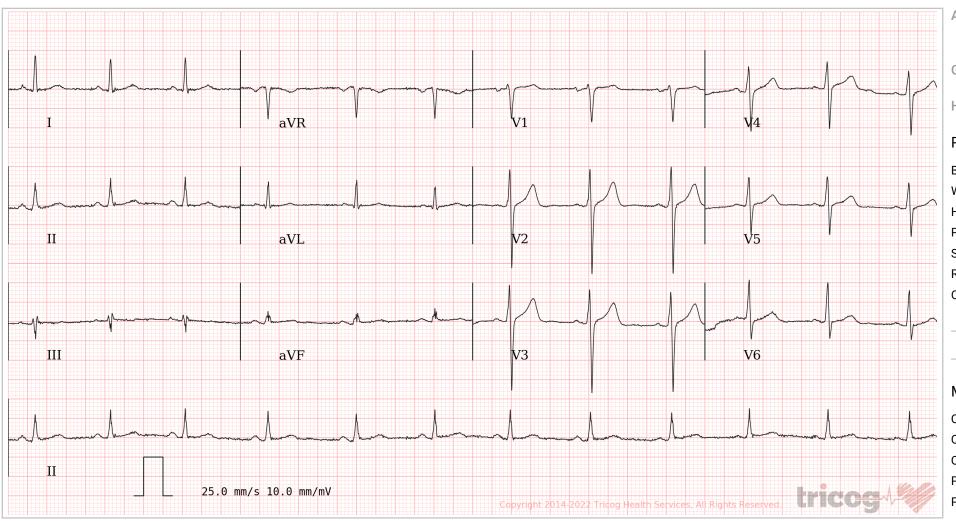
Patient VIRENDRA RAOKHANDE

GOKULDAS

Patient ID: 2201554759

Name:

Date and Time: 15th Jan 22 11:30 AM



years months days

Gender Male

Heart Rate 73 bpm

Patient Vitals

BP: NA Weight: NA NA Height: Pulse: NA Spo2: NA Resp: Others:

Measurements

QSRD: 98 ms

QT: 372 ms

QTc: 409 ms

PR: 130 ms

P-R-T: 44° 22° 38°

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

REPORTED BY

Dr.Milind Shinde

MBBS, DNB Medicine 2011/05/1544

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.



Name : Mr VIRENDRA RAOKHANDE

GOKULDAS

Age / Sex : 39 Years/Male

Ref. Dr :

Reg. Location: Lulla Nagar, Pune Main Centre

Authenticity Check

Use a QR Code Scanner

Application To Scan the Code

: 15-Jan-2022 / 11:19

: 15-Jan-2022 / 11:20

 \mathbf{E}

R

<u>USG (ABDOMEN + PELVIS)</u>

Reg. Date

Reported

LIVER: The liver is normal in size, shape and smooth margins.

It shows raised parenchymal echo pattern s/o grade I fatty infiltration.

The intra hepatic biliary and portal radical appear normal. No evidence of any intra hepatic cystic or solid lesion seen. The main portal vein and CBD appears normal.

<u>GALL BLADDER</u>: The gall bladder is physiologically distended. The visualized gall bladder appears normal. No evidence of pericholecystic fluid is seen.

<u>PANCREAS</u>: The pancreas is well visualised and appears normal. No evidence of solid or cystic mass lesion is noted.

KIDNEYS:

Right kidney measures 11.0 x 4.2 cm. There is 3 mm calculus seen in mid pole.

No evidence of hydronephrosis, hydroureter or mass lesion seen.

Left kidney measures 12.0 x 4.3 cm. No evidence of any calculus, hydronephrosis or mass lesion seen. Both the kidneys are normal in size, shape and echotexture.

SPLEEN: The spleen is normal in size, shape and echotexture. No evidence of focal lesion is noted.

<u>URINARY BLADDER</u>: The urinary bladder is well distended. It shows thin walls and sharp mucosa. No evidence of calculus is noted. No mass or diverticulum is seen.

PROSTATE: The prostate is normal in size and echotexture.

Visualized small bowel loops appear non-dilated. Gaseous distension of large bowel loops. There is no evidence of any lymphadenopathy or ascitis.

IMPRESSION:

- Grade I fatty liver.
- Non-obstructing right renal calculus.

Advice - Clinical and lab correlation.

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

Dr. PALLAVI RAWAL MBBS, MD Radiology Reg No 2013/04/1170

Click here to view images http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022011510401658

Page 1of 1



Name : Mr VIRENDRA RAOKHANDE

GOKULDAS

Age / Sex : 39 Years/Male

Ref. Dr :

Reg. Location: Lulla Nagar, Pune Main Centre

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

R

: 15-Jan-2022 / 11:01

: 15-Jan-2022 / 11:12

X-RAY CHEST PA VIEW

Reg. Date

Reported

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-----



Click here to view images http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2022011510401659

Page 1of 1



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. Collected Reported

Reg. Location : Lulla Nagar, Pune (Main Centre)



Use a OR Code Scanner Application To Scan the Code

:15-Jan-2022 / 10:40

:15-Jan-2022 / 13:52

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	15.3	13.0-17.0 g/dL	Spectrophotometric
RBC	4.72	4.5-5.5 mil/cmm	Elect. Impedance
PCV	46.4	40-50 %	Calculated
MCV	98	80-100 fl	Calculated
MCH	32.4	27-32 pg	Calculated
MCHC	32.9	31.5-34.5 g/dL	Calculated
RDW	12.1	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	8200	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND A	BSOLUTE COUNTS		
Lymphocytes	30.2	20-40 %	
Absolute Lymphocytes	2476.4	1000-3000 /cmm	Calculated
Monocytes	3.3	2-10 %	
Absolute Monocytes	270.6	200-1000 /cmm	Calculated
Neutrophils	63.3	40-80 %	
Absolute Neutrophils	5190.6	2000-7000 /cmm	Calculated
Eosinophils	3.1	1-6 %	
Absolute Eosinophils	254.2	20-500 /cmm	Calculated
Basophils	0.1	0.1-2 %	
Absolute Basophils	8.2	20-100 /cmm	Calculated

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	375000	150000-400000 /cmm	Elect. Impedance
MPV	7.8	6-11 fl	Calculated
PDW	12.5	11-18 %	Calculated

RBC MORPHOLOGY

Immature Leukocytes

Hypochromia Microcytosis

Page 1 of 11

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. : - Collected :15-Jan-2022 / 10:40

Reg. Location :Lulla Nagar, Pune (Main Centre) Reported :15-Jan-2022 / 12:42

Reg. Location : Lulla Nagar, Pune (Main Centre) Reported :15-Jan-2022 / 1

Macrocytosis -

Anisocytosis -

Poikilocytosis -

Polychromasia -

Target Cells -

Basophilic Stippling -

Normoblasts -

Others Normocytic, Normochromic

WBC MORPHOLOGY -

PLATELET MORPHOLOGY -

COMMENT -

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 11 2-15 mm at 1 hr. Westergren

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

*** End Of Report ***









Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

Page 2 of 11



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. : -

Reg. Location: Lulla Nagar, Pune (Main Centre)



Use a QR Code Scanner Application To Scan the Code

:15-Jan-2022 / 10:40

Reported :15-Jan-2022 / 13:09

Collected

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	121.8	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	217.7	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.74	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.26	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.48	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.1	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.3	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.5	1 - 2	Calculated
SGOT (AST), Serum	22.5	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	28.6	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	22.7	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	91.6	40-130 U/L	Colorimetric
BLOOD UREA, Serum	9.9	12.8-42.8 mg/dl	Kinetic
BUN, Serum	4.6	6-20 mg/dl	Calculated
CREATININE, Serum	0.77	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	120	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	5.8	3.5-7.2 mg/dl	Enzymatic

Page 3 of 11



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. : - Collected : 15-Jan-2022 / 14:47

Reg. Location: Lulla Nagar, Pune (Main Centre) Reported: 15-Jan-2022 / 17:22

Urine Sugar (Fasting)AbsentAbsentUrine Ketones (Fasting)AbsentAbsent

Urine Sugar (PP) present (+++) Absent
Urine Ketones (PP) Absent Absent

Result rechecked.

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

*** End Of Report ***







Dr.SHAMLA KULKARNI M.D.(PATH) Pathologist

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

Page 4 of 11



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. : - Collected : 15-Jan-2022 / 10:40

Reg. Location : Lulla Nagar, Pune (Main Centre) Reported :15-Jan-2022 / 13:36

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

PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

Glycosylated Hemoglobin 6.8 Non-Diabetic Level: < 5.7 % HPLC (HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 %

Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

Estimated Average Glucose 148.5 mg/dl Calculated

(eAG), EDTA WB - CC

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

*** End Of Report ***







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

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

Page 5 of 11



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

: 39 Years / Male Age / Gender

Consulting Dr. Collected : 15-Jan-2022 / 10:40

:15-Jan-2022 / 15:34 : Lulla Nagar, Pune (Main Centre) Reported Reg. Location

Authenticity Check

Use a OR Code Scanner Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE EXAMINATION OF FAECES

RESULTS BIOLOGICAL REF RANGE PARAMETER

PHYSICAL EXAMINATION

Colour Yellow Brown Form and Consistency Semi Solid Semi Solid Mucus Trace Absent Blood Absent Absent

CHEMICAL EXAMINATION

Reaction (pH) Neutral (7.0)

Occult Blood Absent Absent

MICROSCOPIC EXAMINATION

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







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

Page 6 of 11

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

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



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

: 39 Years / Male Age / Gender

Consulting Dr. Collected

Reported Reg. Location : Lulla Nagar, Pune (Main Centre)



Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

: 15-Jan-2022 / 10:40 :15-Jan-2022 / 13:47

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Alkaline (8.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	50	-	-
CHEMICAL EXAMINATION			
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
MICROSCOPIC EXAMINATION	<u>N</u>		
Leukocytes(Pus cells)/hpf	1-7	0-5/hpf	

Leukocytes(Pus cells)/hpf 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 6-8 Less than 20/hpf









ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

Page 7 of 11

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



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. Collected : 15-Jan-2022 / 10:40

: Lulla Nagar, Pune (Main Centre) Reported :15-Jan-2022 / 13:53 Reg. Location

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

RESULTS PARAMETER

ABO GROUP AΒ

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:

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

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









Page 8 of 11

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

: 39 Years / Male Age / Gender

Consulting Dr. Collected :15-Jan-2022 / 10:40

Reported :15-Jan-2022 / 13:36 Reg. Location : Lulla Nagar, Pune (Main Centre)

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE LIPID PROFILE

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	177.2	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	137.6	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	28.3	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	148.9	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	121.0	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	27.9	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	6.3	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO,	4.3	0-3.5 Ratio	Calculated



over the page or visit our website.







ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

laboratories as required. (8) Suburban Diagnostics is not liable for any penalties or liabilities arising out of or relating in any way to these services and/or content or information provided herein. (9) For the elaborated disclaimer, please turn

Page 9 of 11



Free T3, Serum

CID : 2201554759

Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. Reg. Location

: Lulla Nagar, Pune (Main Centre)



Authenticity Check

Use a OR Code Scanner Application To Scan the Code

: 15-Jan-2022 / 10:40

CMIA

Reported :15-Jan-2022 / 13:54

Collected

2.6-5.7 pmol/L

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

BIOLOGICAL REF RANGE RESULTS PARAMETER METHOD

3.7

12.9 Free T4, Serum 9-19 pmol/L **CMIA**

Kindly note change in reference range and method w.e.f. 16/08/2019

Kindly note change in reference range and method w.e.f. 16/08/2019

sensitiveTSH, Serum 1.49 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.

Page 10 of 11



Name : MR. VIRENDRA GOKULDAS RAOKHANDE

Age / Gender : 39 Years / Male

Consulting Dr. Collected :15-Jan-2022 / 10:40

:15-Jan-2022 / 13:54 Reg. Location : Lulla Nagar, Pune (Main Centre) Reported

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 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: 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)



over the page or visit our website.





moshiet Dr.SHAMLA KULKARNI M.D.(PATH) **Pathologist**

ADDRESS: 2nd Floor, Aston, Sundervan Complex, Above Mercedes Showroom, Andheri West - 400053

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

For Feedback - customerservice@suburbandiagnostics.com | www.suburbandiagnostics.com

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

Page 11 of 11

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



Preventive Health Check-up | Pathology | Digital X-Ray | Sonography | Colour Doppler | Mammography | BMD (DXA Scan) | OPG | ECG | 2D Echo Stress Test/TMT | Spirometry | Eye Examination | Dental Examination | Diet Consultation | Audiometry | OT Sterility | Water Sterility | Clinical Research

CID : **2201554759** SID : 177804797089

Name : MR.VIRENDRA GOKULDAS RAOKHANDE Registered : 15-Jan-2022 / 10:39

Age / Gender : 39 Years/Male Collected : 15-Jan-2022 / 10:39

PHYSICAL EXAMINATION REPORT

a) Diet: Veg

b)Addiction: No (K/C/O DM-2 Since November 2021)

GENERAL EXAMINATION:

a)Height (cms): 167

b)Weight (kgs): 83

c)Lymph Nodes : Not Palpable

3) SYSTEMIC EXAMINATION

A) RESPIRATORY SYSTEM

a) Lungs: Clear

b) Trachea: Central

c) Air Entry : Equal

d) Rales: No

d) Others: NAD

B) CARDIOVASCULAR SYSTEM (CVS)

a) Heart Sounds: S1 S2 Normal

b) Murmurs: No

c) Pulse/min: 78

d) B/P (mm of Hg): 108/70

e) Miscellenous : NAD

C) ABDOMEN

a) Liver : Not Palpable

b) Spleen : Not Palpable

c) Any other Swelling: No

D) NERVOUS SYSTEM

a) Ankle Reflex : Normal



Preventive Health Check-up | Pathology | Digital X-Ray | Sonography | Colour Doppler | Mammography | BMD (DXA Scan) | OPG | ECG | 2D Echo Stress Test/TMT | Spirometry | Eye Examination | Dental Examination | Diet Consultation | Audiometry | OT Sterility | Water Sterility | Clinical Research

CID : **2201554759** SID : 177804797089

Name : MR.VIRENDRA GOKULDAS RAOKHANDE Registered : 15-Jan-2022 / 10:39

Age / Gender : 39 Years/Male Collected : 15-Jan-2022 / 10:39

b) Plantars : Flexor

SUMMARY:

*** End Of Report ***

Dr.Milind Shinde MBBS, DNB, Consuling Physician, Diabetologist & Echocardiologist