



भारत सरकार
GOVERNMENT OF INDIA



विष्णु पांडुरंग गंगणे
Vishnu Pandurang Gangane
जन्म तिथि / DOB : 02/01/1987
पुरुष / MALE
Mobile No. 9028921732
5204 1833 0228
VID:9174 4504 5814 5857

आधार - आम आदमी का अधिकार



बैंक ऑफ बड़ौदा
Bank of Baroda

नाम : Mr. GANGANE VISHNU
Name : PANDURANG
कर्मचारी क्र. क. :
E.C. No. : 93007



अधिकृत अधिकारी
Issuing Authority
AGM (Regional Head)
Aurangabad Region

हस्ताक्षर
धारक के हस्ताक्षर
Signature of Holder

SUBURBAN DIAGNOSTIC (I) PVT LTD.
FLAT NO. 101 ANAND SAGAR CHS
AGRIKAS RAJKAMAL SHOP
SECTOR - 17, VASHI,
NAVI MUMBAI - 400703

Dr. Anika Patnaik
M.B.B.S. C.G.O., Nagpur Reg. No.73367
Dip. Psysextherapy-U.K. Reg. No.OF395
PGDHM

हस्ताक्षर

Date:

To,

Suburban Diagnostics (India) Private Limited

VASHI CENTER

SHOP NO 22 RAIKAR BHAVAN

NEAR NAVARATNA HOTEL

SECTOR 17 VASHI NAVI MUMBAI 400703

SUBJECT- TO WHOMSOEVER IT MAY CONCERN

Dear Sir/ Madam,

This is to inform you that I, Myself Mr/ Mrs/ Ms. Vishnu P. Gangane

don't want to performed the following tests:


- 1) stool sample not given
- 2) —
- 3) —
- 4) —
- 5) —
- 6) —

CID No. & Date : 2429500523 21/10/2024

Corporate/ TPA/ Insurance Client Name : Aerfocami

Thanking you.

Yours sincerely,

(Mr/Mrs/Ms. )

PHYSICAL EXAMINATION REPORT

Patient Name	Mr. Vishnu Gangane	Sex/Age	male / 37
Date	21/10/2024	CID	2429500523

History and Complaints

Cl. Answer

EXAMINATION FINDINGS:

Height (cms):	167	Temp (0c):	Normal
Weight (kg):	68	Skin:	Rauche ☑
Blood Pressure	120/80	Nails:	Normal
Pulse	60/min	Lymph Node:	NP
BMI	24.4		

Systems :

Cardiovascular:	S. S. Lead no murr
Respiratory:	ARDS
Genitourinary:	Normal
GI System:	Healthy
CNS:	Normal

Impression:

All available reports are within normal limits

Advice:

Good Health

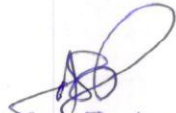
CHIEF COMPLAINTS:

1)	Hypertension:	NO
2)	IHD	NO
3)	Arrhythmia	NO
4)	Diabetes Mellitus	NO
5)	Tuberculosis	NO
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	NO
2)	Smoking	NO
3)	Diet	NO
4)	Medication	NO

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PGDHM

Date:- 21/10/2024

CID: 2429500523

Name:- Mr. Vishnu Gangane Sex / Age: M / 37

EYE CHECK UP

Chief complaints: NO

Systemic Diseases: NO

Past history: NO

Unaided Vision: NO

Aided Vision: Yes

Refraction: kanta glae

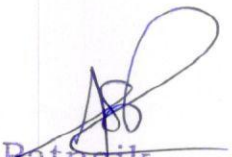
(Right Eye)

(Left Eye)

	Sph	Cyl	Axis	Vn	Sph	Cyl	Axis	Vn
Distance								
Near	—————			N6	—————			N6

Colour Vision: Normal / Abnormal

Remark:


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ABOVE RAJKAMAL SHOP
SECTOR - 17, VASHI,
NAVE MUMBAI - 400703

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@suburbandiagnosics.com | www.suburbandiagnosics.com



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CID : 2429500523
Name : Mr Vishnu Gangane
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Vashi Main Centre

Reg. Date : 21-Oct-2024
Reported : 21-Oct-2024 / 11:21

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-----

Dr Shilpa Beri
MBBS DMRE
Reg No 2002/05/2302
Consultant Radiologist

Click here to view images [http://3.111.232.119/iRISViewer/NeoradViewer?
Access](http://3.111.232.119/iRISViewer/NeoradViewer?Access)

sionNo=2024102108571971

NAME :- MR.VISHNU GANGANE	AGE :- 37 YRS
SEX :- MALE	DATE :21/10/2024
CID NO :- 2429500523	

2D Echo and Colour doppler report

All cardiac chambers are normal in dimension
 No obvious resting regional wall motion abnormalities (RWMA)
 Interatrial and Interventricular septum – Appears Normal
 Valves – Structurally normal
 Good biventricular function.
 IVC is normal.
 Pericardium is normal.
 Great vessels - Origin and visualized proximal part are normal.
 No coarctation of aorta.

Doppler study

Normal flow across all the valves.
 No pulmonary hypertension.
 No diastolic dysfunction.

Measurements

Aorta annulus	20 mm
Left Atrium	29 mm
LVID(Systole)	17 mm
LVID(Diastole)	35 mm
IVS(Diastole)	10 mm
PW(Diastole)	8 mm
LV ejection fraction.	55-60%

Conclusion

Good biventricular function

No RWMA

Valves – Structurally normal

No diastolic dysfunction

No PAH

* END OF THE REPORT *

Dasgupta

Dr. Anirban Dasgupta
MBBS DNB
Reg. No. 2005/02/0920

**Performed by: Dr. Anirban Dasgupta
D.N.B. Internal Medicine, Diploma Cardiology (PGDCC-IGNOU).**

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CID : 2429500523
Name : Mr Vishnu Gangane
Age / Sex : 37 Years/Male
Ref. Dr :
Reg. Location : Vashi Main Centre

Reg. Date : 21-Oct-2024
Reported : 21-Oct-2024 / 9:38

USG WHOLE ABDOMEN

LIVER:

The liver is normal in size, shape and smooth margins. It shows normal parenchymal echo pattern. 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.

GALL BLADDER:

The gall bladder is physiologically distended and appears normal. No evidence of gall stones or mass lesions seen.

PANCREAS:

The pancreas is well visualised and appears normal. No evidence of solid or cystic mass lesion.

KIDNEYS:

Both the kidneys are normal in size shape and echotexture.

No evidence of any calculus, hydronephrosis or mass lesion seen.

Right kidney measures 9.4 x 4.4 cm.

Left kidney measures 9.1 x 4.5 cm.

SPLEEN:

The spleen is normal in size and echotexture. No evidence of focal lesion is noted.

There is no evidence of any lymphadenopathy or ascites.

URINARY BLADDER:

The urinary bladder is well distended and reveal no intraluminal abnormality.

PROSTATE:

The prostate is normal in size. It measures 3.9 x 2.9 x 3.2 cm and volume is 19.6 cc.

IMPRESSION:

No significant abnormality is seen.

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

Dr Shilpa Beri
MBBS DMRE
Reg No 2002/05/2302
Consultant Radiologist

Click here to view images [http://3.111.232.119/iRISViewer/NeoradViewer?](http://3.111.232.119/iRISViewer/NeoradViewer?Access)

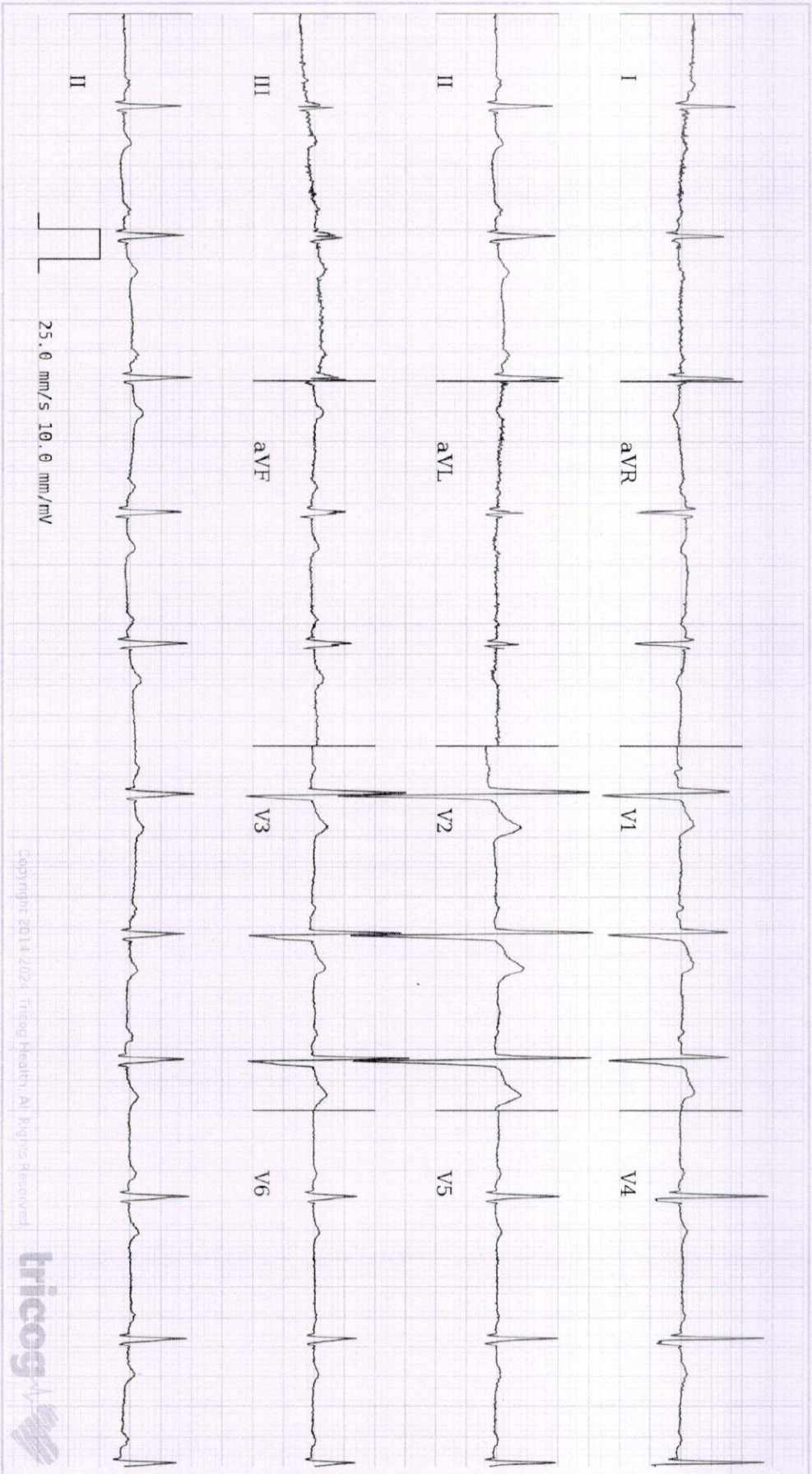
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Page no 1 of 1

Patient Name: VISHNU GANGANE

Date and Time: 21st Oct 24 9:08 AM

Patient ID: 2429500523



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Age **37** NA NA
Years months days

Gender **Male**

Heart Rate **67bpm**

Patient Vitals

BP: 120/80 mmHg

Weight: 68 kg

Height: 167 cm

Pulse: NA

Spo2: NA

Resp: NA

Others:

Measurements

QRSD: 86ms

QT: 366ms

QTcB: 386ms

PR: 160ms

P-R-T: 58° 48° 89°

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

REPORTED BY

Dasgupta

Dr Anubha Dasgupta
MBBS DNB
Reg. 2005/02/0920

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.



CID : 2429500523
Name : MR.VISHNU GANGANE
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Vashi (Main Centre)

Collected : 21-Oct-2024 / 09:00
Reported : 21-Oct-2024 / 14:10

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AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

CBC (Complete Blood Count), Blood

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
<u>RBC PARAMETERS</u>			
Haemoglobin	15.4	13.0-17.0 g/dL	Spectrophotometric
RBC	5.42	4.5-5.5 mil/cmm	Elect. Impedance
PCV	47.2	40-50 %	Calculated
MCV	87.2	81-101 fl	Measured
MCH	28.4	27-32 pg	Calculated
MCHC	32.6	31.5-34.5 g/dL	Calculated
RDW	15.3	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	4740	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	40.1	20-40 %	
Absolute Lymphocytes	1900.0	1000-3000 /cmm	Calculated
Monocytes	9.0	2-10 %	
Absolute Monocytes	420.0	200-1000 /cmm	Calculated
Neutrophils	47.8	40-80 %	
Absolute Neutrophils	2270.0	2000-7000 /cmm	Calculated
Eosinophils	2.7	1-6 %	
Absolute Eosinophils	130.0	20-500 /cmm	Calculated
Basophils	0.4	0.1-2 %	
Absolute Basophils	20.0	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<u>PLATELET PARAMETERS</u>			
Platelet Count	244000	150000-410000 /cmm	Elect. Impedance
MPV	8.3	6-11 fl	Measured
PDW	13.5	11-18 %	Calculated
<u>RBC MORPHOLOGY</u>			
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-ESR 8 2-15 mm at 1 hr. Sedimentation

Clinical Significance: The erythrocyte sedimentation rate (ESR), also called a sedimentation rate is the rate red blood cells sediment in a period of time.

Interpretation:

Factors that increase ESR: Old age, Pregnancy, Anemia

Factors that decrease ESR: Extreme leukocytosis, Polycythemia, Red cell abnormalities- Sickle cell disease

Limitations:

- It is a non-specific measure of inflammation.
- The use of the ESR as a screening test in asymptomatic persons is limited by its low sensitivity and specificity.

Reflex Test: C-Reactive Protein (CRP) is the recommended test in acute inflammatory conditions.

Reference:

- Pack Insert
- Brigden ML. Clinical utility of the erythrocyte sedimentation rate. American family physician. 1999 Oct 1;60(5):1443-50.

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

*** End Of Report ***



Anupa

Dr. ANUPA DIXIT
M.D.(PATH)
Consultant - Pathologist



CID : 2429500523
Name : MR.VISHNU GANGANE
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Vashi (Main Centre)

Collected : 21-Oct-2024 / 09:00
Reported : 21-Oct-2024 / 15:37

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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 Fasting	97.1	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP	92.8	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.65	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.23	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.42	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.2	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	5.0	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.2	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.3	1 - 2	Calculated
SGOT (AST), Serum	15.7	5-40 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	12.5	5-45 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	10.4	3-60 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	73.1	40-130 U/L	Colorimetric
BLOOD UREA, Serum	18.5	12.8-42.8 mg/dl	Kinetic
BUN, Serum	8.6	6-20 mg/dl	Calculated
CREATININE, Serum	1.12	0.67-1.17 mg/dl	Enzymatic



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Collected : 21-Oct-2024 / 09:00
Reported : 21-Oct-2024 / 15:24

eGFR, Serum	87	(ml/min/1.73sqm)	Calculated
		Normal or High: Above 90	
		Mild decrease: 60-89	
		Mild to moderate decrease: 45-59	
		Moderate to severe decrease: 30-44	
		Severe decrease: 15-29	
		Kidney failure: <15	

Note: eGFR estimation is calculated using 2021 CKD-EPI GFR equation

URIC ACID, Serum	4.2	3.5-7.2 mg/dl	Enzymatic
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*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Panvel Lab, Panvel East
*** End Of Report ***

Dr.IMRAN MUJAWAR
M.D (Path)
Pathologist



CID : 2429500523
Name : MR.VISHNU GANGANE
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Vashi (Main Centre)

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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	5.2	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB - CC	102.5	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 SDRL, Vidyavihar Lab

*** End Of Report ***



Dr. Vrushi Shroff

Dr.VRUSHALI SHROFF
M.D.(PATH)
Pathologist



CID : 2429500523
Name : MR.VISHNU GANGANE
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Vashi (Main Centre)

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Reported : 21-Oct-2024 / 15:47

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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	Pale yellow	Pale Yellow	Light scattering
Transparency	Clear	Clear	Light scattering
<u>CHEMICAL EXAMINATION</u>			
Specific Gravity	1.005	1.002-1.035	Refractive index
Reaction (pH)	5.5	5-8	pH Indicator
Proteins	Absent	Absent	Protein error principle
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	Negative	Negative	Griess Test
<u>MICROSCOPIC EXAMINATION</u>			
(WBC)Pus cells / hpf	0.4	0-5/hpf	
Red Blood Cells / hpf	0.0	0-2 /hpf	
Epithelial Cells / hpf	0.1	0-5/hpf	
Hyaline Casts	0.0	0-1/hpf	
Pathological cast	0.0	0-0.3/hpf	
Calcium oxalate monohydrate crystals	0.0	0-1.4/hpf	
Calcium oxalate dihydrate crystals	0.0	0-1.4/hpf	
Triple phosphate crystals	0.0	0-1.4/hpf	
Uric acid crystals	0.0	0-1.4/hpf	
Amorphous debris	Absent	Absent	
Bacteria / hpf	13.0	0-29.5/hpf	
Yeast	Absent	Absent	



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Collected : 21-Oct-2024 / 09:00
Reported : 21-Oct-2024 / 15:47

Note: Microscopic examination performed by Automated Cuvette based technology. All the Abnormal results are confirmed by reagent strips and Manual method. The Microscopic examination findings are mentioned in decimal numbers as the arithmetic mean of the multiple fields scanned using microscopy. Reference: Pack Insert.

Others -

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

Dr.ANUPA DIXIT
M.D.(PATH)
Consultant Pathologist



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Reg. Location : Vashi (Main Centre)

Collected : 21-Oct-2024 / 09:00
Reported : 21-Oct-2024 / 17:59

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

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	O
Rh TYPING	Negative

NOTE: Test performed by automated Erythrocytes magnetized technology (EMT) which is more sensitive than conventional methods.

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.

References:

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 SDRL, Vidyavihar Lab

*** End Of Report ***



Dr. Vrushi Shroff

Dr.VRUSHALI SHROFF
M.D.(PATH)
Pathologist



CID : 2429500523
Name : MR.VISHNU GANGANE
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Consulting Dr. : -
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Reported : 21-Oct-2024 / 15:37

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
CHOLESTEROL, Serum	147.3	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	126.4	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	34.2	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	113.1	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	88.0	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	25.1	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.3	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.6	0-3.5 Ratio	Calculated

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

J. Mujawar

Dr.IMRAN MUJAWAR
M.D (Path)
Pathologist



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CID : 2429500523
Name : MR.VISHNU GANGANE
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Vashi (Main Centre)

Collected : 21-Oct-2024 / 09:00
Reported : 21-Oct-2024 / 14:38

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	4.5	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	16.3	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	4.75	0.35-5.5 microIU/ml microU/ml	ECLIA



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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 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 becuae 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.
2. 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)

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Panvel Lab, Panvel East

*** End Of Report ***

J. Mujawar

Dr.IMRAN MUJAWAR
M.D (Path)
Pathologist



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CID : 2429500523
Name : MR.VISHNU GANGANE
Age / Gender : 37 Years / Male
Consulting Dr. : -
Reg. Location : Vashi (Main Centre)

Collected : 21-Oct-2024 / 12:04
Reported : 21-Oct-2024 / 17:44

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
Urine Sugar (Fasting)	Absent	Absent	
Urine Ketones (Fasting)	Absent	Absent	
Urine Sugar (PP)	Absent	Absent	
Urine Ketones (PP)	Absent	Absent	

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



Anupa

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