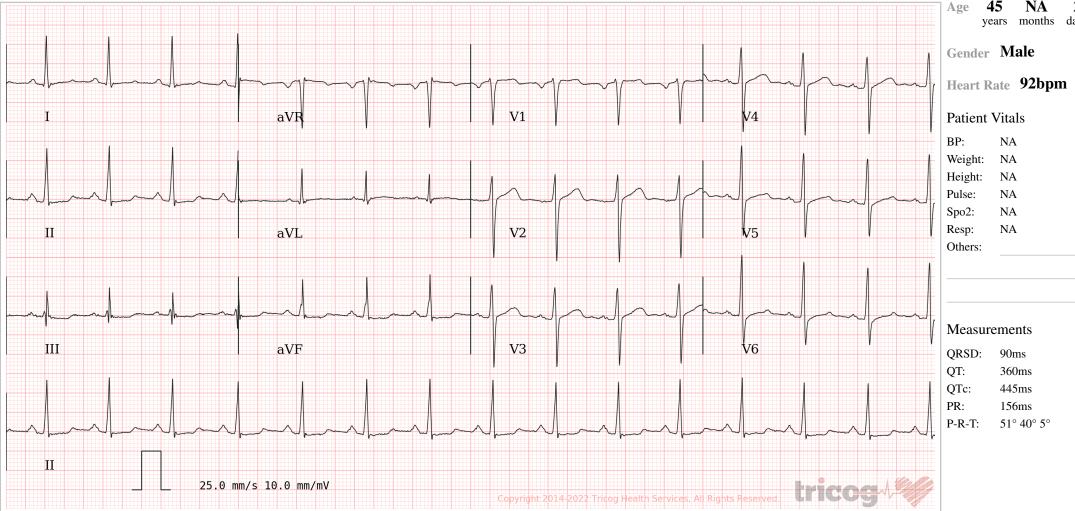
SUBURBAN DIAGNOSTICS - G B ROAD, THANE WEST



Patient PANDARE MAHESH

Name: **PANDURANG** 2228405682 Patient ID:

Date and Time: 11th Oct 22 11:07 AM



months days

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

REPORTED BY



DR SHAILAJA PILLAI MBBS, MD Physican MD Physican 49972

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 PANDARE MAHESH

PANDURANG

Age / Sex : 45 Years/Male

Ref. Dr : **Reg. Date** : 11-Oct-2022

Reg. Location: G B Road, Thane West Main Centre **Reported**

Authenticity Check

P O R T

R E

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: 11-Oct-2022/15:18

USG WHOLE ABDOMEN

<u>LIVER:</u> Liver appears normal in size and **shows increased echoreflectivity.** 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. **CBD:** CBD is normal.

PANCREAS: Pancreas appears normal in echotexture. There is no evidence of any focal lesion or calcification. Pancreatic duct is not dilated.

KIDNEYS: Right kidney measures 10.6×5.1 cm. Left kidney measures 10.5×5.9 cm. Both kidneys are normal in 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.

PROSTATE: Prostate is normal in size and echotexture and measures 3.7 x 4.1 x 3.3 cm in dimension and 19.6 cc in volume. No evidence of any focal lesion. Median lobe does not show significant hypertrophy.

No free fluid or significant lymphadenopathy is seen.

IMPRESSION:

Click here to view images http://3.111.232.119/iRISViewer/NeoradViewer?AccessionNo=2022101109300900



Name : Mr PANDARE MAHESH

PANDURANG

Age / Sex : 45 Years/Male

Ref. Dr : Reg. Date : 11-Oct-2022

Reg. Location: G B Road, Thane West Main Centre **Reported**: 11-Oct-2022/15:18

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R

GRADE I FATTY INFILTRATION OF LIVER.

Note: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.

Reg No -2014/04/1786 Consultant Radiologist



Name : Mr PANDARE MAHESH

PANDURANG

Age / Sex : 45 Years/Male

Ref. Dr :

Reg. Location: G B Road, Thane West Main Centre

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: 11-Oct-2022

Reported : 11-Oct-2022/15:18

Reg. Date



Name : Mr PANDARE MAHESH

PANDURANG

Age / Sex : 45 Years/Male

Ref. Dr : **Reg. Date** : 11-Oct-2022

Reg. Location: G B Road, Thane West Main Centre **Reported**: 11-Oct-2022/15:29

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X-RAY CHEST PA VIEW

There is evidence of increased bilateral bronchovascular and hilar prominence.

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.

TO BE CORRELATED CLINICALLY

End of Report

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

Dr.GAURAV FARTADE

G. R. Fale

MBBS, DMRE

Reg No -2014/04/1786 Consultant Radiologist



Name : Mr PANDARE MAHESH

PANDURANG

Age / Sex : 45 Years/Male

Ref. Dr :

Reg. Location: G B Road, Thane West Main Centre

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E



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Reg. Date : 11-Oct-2022

Reported : 11-Oct-2022/15:29



Name : MR.PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. : -

Reg. Location: G B Road, Thane West (Main Centre)



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Collected

:11-Oct-2022 / 09:32

Reported :11-Oct-2022 / 12:17

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	15.1	13.0-17.0 g/dL	Spectrophotometric
RBC	5.53	4.5-5.5 mil/cmm	Elect. Impedance
PCV	48.0	40-50 %	Measured
MCV	87	80-100 fl	Calculated
MCH	27.3	27-32 pg	Calculated
MCHC	31.5	31.5-34.5 g/dL	Calculated
RDW	14.1	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	7800	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND ABSO	OLUTE COUNTS		
Lymphocytes	30.0	20-40 %	
Absolute Lymphocytes	2340.0	1000-3000 /cmm	Calculated
Monocytes	4.9	2-10 %	
Absolute Monocytes	382.2	200-1000 /cmm	Calculated
Neutrophils	62.6	40-80 %	
Absolute Neutrophils	4882.8	2000-7000 /cmm	Calculated
Eosinophils	2.5	1-6 %	
Absolute Eosinophils	195.0	20-500 /cmm	Calculated
Basophils	0.0	0.1-2 %	
Absolute Basophils	0.0	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	276000	150000-400000 /cmm	Elect. Impedance
MPV	8.1	6-11 fl	Calculated
PDW	14.0	11-18 %	Calculated

Page 1 of 13

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



Name : MR. PANDARE MAHESH PANDURANG

: 45 Years / Male Age / Gender

Consulting Dr. Collected : 11-Oct-2022 / 09:32 Reported

Reg. Location : G B Road, Thane West (Main Centre)



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:11-Oct-2022 / 11:12

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 2-15 mm at 1 hr. Westergren

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









Dr.AMIT TAORI M.D (Path) **Pathologist**

Page 2 of 13

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

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr.

Reg. Location

: G B Road, Thane West (Main Centre)

Collected

Reported

:11-Oct-2022 / 15:47

Hexokinase

Hexokinase

: 11-Oct-2022 / 12:30

Use a OR Code Scanner

Application To Scan the Code

Authenticity Check

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO

PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

GLUCOSE (SUGAR) FASTING. 101.6 Non-Diabetic: < 100 mg/dl Fluoride Plasma Impaired Fasting Glucose:

100-125 mg/dl

Diabetic: >/= 126 mg/dl

GLUCOSE (SUGAR) PP, Fluoride 145.1 Non-Diabetic: < 140 mg/dl

Plasma PP/R Impaired Glucose Tolerance:

140-199 mg/dl

Diabetic: >/= 200 mg/dl

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

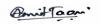
Urine Sugar (PP) Absent Absent Urine Ketones (PP) Absent Absent

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









Dr.AMIT TAORI M.D (Path) **Pathologist**

Page 3 of 13

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

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Collected Consulting Dr. : -Reported

Reg. Location : G B Road, Thane West (Main Centre)



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:11-Oct-2022 / 09:32 :11-Oct-2022 / 12:17

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO **KIDNEY FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BLOOD UREA, Serum	24.7	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	11.5	6-20 mg/dl	Calculated
CREATININE, Serum	1.06	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	80	>60 ml/min/1.73sqm	Calculated
TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.8	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.2	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.2	1 - 2	Calculated
URIC ACID, Serum	4.7	3.5-7.2 mg/dl	Uricase
PHOSPHORUS, Serum	3.5	2.7-4.5 mg/dl	Ammonium molybdate
CALCIUM, Serum	9.4	8.6-10.0 mg/dl	N-BAPTA
SODIUM, Serum	141	135-148 mmol/l	ISE
POTASSIUM, Serum	4.3	3.5-5.3 mmol/l	ISE
CHLORIDE, Serum	105	98-107 mmol/l	ISE

Kindly correlate clinically.

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









Dr.AMIT TAORI M.D (Path) **Pathologist**

Page 4 of 13

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



Name : MR.PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. : -

Reg. Location: G B Road, Thane West (Main Centre)



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: 11-Oct-2022 / 09:32

Reported :11-Oct-2022 / 13:47

Collected

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO GLYCOSYLATED HEMOGLOBIN (HbA1c)

PARAMETERRESULTSBIOLOGICAL REF RANGEMETHODGlycosylated Hemoglobin5.3Non-Diabetic Level: < 5.7 %</td>HPLC

(HbA1c), EDTA WB - CC Prediabetic Level: 5.7-6.4 % Diabetic Level: >/= 6.5 %

Estimated Average Glucose 105.4 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 SDRL, Vidyavihar Lab
*** End Of Report ***



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

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

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



TOTAL PSA, Serum

CID : 2228405682

Name : MR.PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. : -

Reg. Location: G B Road, Thane West (Main Centre)



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Reported

Application To Scan the Code: 11-Oct-2022 / 09:32

:11-Oct-2022 / 13:12

CLIA

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO PROSTATE SPECIFIC ANTIGEN (PSA)

<4.0 ng/ml

PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

Kindly note change in Ref range and method w.e.f.11-07-2022

0.68

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. : - Collected :11-Oct-2022 / 09:32

Reg. Location : G B Road, Thane West (Main Centre) Reported :11-Oct-2022 / 13:12



- PSA is detected in the serum of males with normal, benign hyper-plastic, and malignant prostate tissue.
- Monitoring patients with a history of prostate cancer as an early indicator of recurrence and response to treatment.
- Prostate cancer screening 4.The percentage of Free PSA (FPSA) in serum is described as being significantly higher in patients with BPH than in patients with prostate cancer. 5.Calculation of % free PSA (ie. FPSA/TPSA x 100), has been suggested as way of improving the differentiation of BPH and Prostate cancer.

Interpretation:

Increased In- Prostate diseases, Cancer, Prostatitis, Benign prostatic hyperplasia, Prostatic ischemia, Acute urinary retention, Manipulations like Prostatic massage, Cystoscopy, Needle biopsy, Transurethral resection, Digital rectal examination, Radiation therapy, Indwelling catheter, Vigorous bicycle exercise, Drugs (e.g., testosterone), Physiologic fluctuations. Also found in small amounts in other cancers (sweat and salivary glands, breast, colon, lung, ovary) and in Skene glands of female urethra and in term placenta, Acute renal failure, Acute myocardial infarction,

Decreased In- Ejaculation within 24-48 hours, Castration, Antiandrogen drugs (e.g., finasteride), Radiation therapy, Prostatectomy, PSA falls 17% in 3 days after lying in hospital, Artifactual (e.g., improper specimen collection; very high PSA levels). Finasteride (5-α-reductase inhibitor) reduces PSA by 50% after 6 months in men without cancer.

Reflex Tests: % FREE PSA. USG Prostate

Limitations:

- tPSA values determined on patient samples by different testing procedures cannot be directly compared with one another and could be
 the cause of erroneous medical interpretations. If there is a change in the tPSA assay procedure used while monitoring therapy, then
 the tPSA values obtained upon changing over to the new procedure must be confirmed by parallelmeasurements with both methods.
 Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography
 and needle biopsy of prostate is not recommended as they falsely elevate levels.
- Patients who have been regularly exposed to animals or have received immunotherapy or diagnostic procedures utilizing immunoglobulins or immunoglobulin fragments may produce antibodies, e.g. HAMA, that interferes with immunoassays.
- PSA results should be interpreted in light of the total clinical presentation of the patient, including: symptoms, clinical history, data from additional tests, and other appropriate information.
- Serum PSA concentrations should not be interpreted as absolute evidence for the presence or absence of prostate cancer.

Reference:

- Wallach's Interpretation of diagnostic tests
- Total PSA Pack insert

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



Dr.ANUPA DIXIT M.D.(PATH) Consultant Pathologist & Lab Director

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. Collected

Reported :11-Oct-2022 / 14:53 Reg. Location : G B Road, Thane West (Main Centre)



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: 11-Oct-2022 / 09:32

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO URINE EXAMINATION REPORT

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Yellow	Pale Yellow	-
Reaction (pH)	Acidic (5.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.020	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	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	2-4	0-5/hpf	
Red Blood Cells / hpf	Δhsent	0-2/hnf	

Red Blood Cells / hpt Absent 0-2/hpt

Epithelial Cells / hpf 1-2

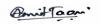
Casts Absent Absent Crystals **Absent Absent** Amorphous debris Absent Absent

Bacteria / hpf 3-5 Less than 20/hpf









Dr.AMIT TAORI M.D (Path) **Pathologist**

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

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. : -Collected

:11-Oct-2022 / 12:49 : G B Road, Thane West (Main Centre) Reported Reg. Location

Authenticity Check

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: 11-Oct-2022 / 09:32

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO **BLOOD GROUPING & Rh TYPING**

RESULTS PARAMETER

ABO GROUP Α

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 G B Road Lab, Thane West *** End Of Report **









Dr.AMIT TAORI M.D (Path) **Pathologist**

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

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. Collected : -Reported

Reg. Location : G B Road, Thane West (Main Centre)



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:11-Oct-2022 / 09:32 :11-Oct-2022 / 12:17

MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO LIPID PROFILE

<u>PARAMETER</u>	RESULTS	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	176.8	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	154.1	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	35.6	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	141.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	110.0	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	31.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.0	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO,	3.1	0-3.5 Ratio	Calculated

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









Dr.AMIT TAORI M.D (Path) **Pathologist**

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

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Collected :11-Oct-2022 / 09:32 Consulting Dr. : -

Reported :11-Oct-2022 / 11:18 Reg. Location : G B Road, Thane West (Main Centre)

Authenticity Check

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MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO **THYROID FUNCTION TESTS**

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
Free T3, Serum	5.3	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	15.8	11.5-22.7 pmol/L	ECLIA
sensitiveTSH, Serum	2.89	0.35-5.5 microIU/ml	ECLIA

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



Name : MR. PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. : -Collected :11-Oct-2022 / 09:32

: G B Road, Thane West (Main Centre) :11-Oct-2022 / 11:18 Reg. Location Reported

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 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.
- 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.

- 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 G B Road Lab, Thane West *** End Of Report ***









Dr.AMIT TAORI M.D (Path) **Pathologist**

Authenticity Check

Use a OR Code Scanner

Application To Scan the Code

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



Name : MR.PANDARE MAHESH PANDURANG

Age / Gender : 45 Years / Male

Consulting Dr. :-

Reg. Location : G B Road, Thane West (Main Centre)

Authenticity Check

Use a QR Code Scanner Application To Scan the Code

Collected

Reported

:11-Oct-2022 / 09:32 :11-Oct-2022 / 12:17

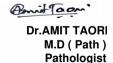
MEDIWHEEL FULL BODY HEALTH CHECKUP MALE ABOVE 40/2D ECHO LIVER FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
BILIRUBIN (TOTAL), Serum	0.54	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.21	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.33	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.0	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.8	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.2	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.2	1 - 2	Calculated
SGOT (AST), Serum	23.6	5-40 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	58.4	5-45 U/L	IFCC without pyridoxal phosphate activation
GAMMA GT, Serum	82.5	3-60 U/L	IFCC
ALKALINE PHOSPHATASE, Serum	93.2	40-130 U/L	PNPP

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







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