

CID : 2135132553 : Mrs Priti Singh Name

: 31 Years/Female Age / Sex

Ref. Dr

Reg. Location : Kandivali East Main Centre

**Authenticity Check** 

R

 $\mathbf{E}$ 

R

Use a QR Code Scanner

Reg. Date : 17-Dec-2021 / 17:41

: 18-Dec-2021 / 10:26

## **USG WHOLE ABDOMEN**

Reported

## 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 11.7 x 3.4 cm. Left kidney measures 11.4 x 3.7 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.

The uterus is anteverted and appears normal. It measures 8.8 x 5.4 x 4.1cm in size. The endometrial thickness is 13 mm.

#### **OVARIES**:

Both the ovaries are well visualised and appears normal.

There is no evidence of any ovarian or adnexal mass seen.

Right ovary =  $3.5 \times 2.0 \text{ cm}$ Left ovary =  $4.0 \times 1.9 \text{ cm}$ 

Click here to view images http://202.143.96.162/Suburban/Viewer?ViewerType=3&AccessionNo=2021121710372175 Page 1of 2

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



CID : 2135132553 Name : Mrs Priti Singh : 31 Years/Female Age / Sex

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Reg. Date : 17-Dec-2021 / 17:41

Reported : 18-Dec-2021 / 10:26

R

E

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## **IMPRESSION:-**

NO SIGNIFICANT ABNORMALITY IS SEEN.

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

Dr. Sunil Bhutka DMRD DNB

MMC REG NO:2011051101



CID : 2135132553

Name : Mrs Priti Singh

Age / Sex : 31 Years/Female

Ref. Dr :

Reg. Location : Kandivali East Main Centre

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R

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: 17-Dec-2021 / 13:26

**Reported** : 17-Dec-2021 / 17:33

## X-RAY CHEST PA VIEW

Reg. Date

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.

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.

X ray is known to have inter observer variations.

Further / follow up imaging may be needed in some cases for confirmation / exclusion of diagnosis.

Please interpret accordingly.

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

DR. SHRIKANT M. BODKE D.M.R.E., M.B.B.S.

Reg. No. 2006/04/2376



Name : MRS.PRITI SINGH

Age / Gender : 31 Years / Female

Consulting Dr. : -

Reg. Location : Kandivali East (Main Centre)



Use a QR Code Scanner Application To Scan the Code

:17-Dec-2021 / 10:45

**Reported** :17-Dec-2021 / 13:03

Collected

## **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	12.0	12.0-15.0 g/dL	Spectrophotometric
RBC	4.04	3.8-4.8 mil/cmm	Elect. Impedance
PCV	37.1	36-46 %	Measured
MCV	92	80-100 fl	Calculated
MCH	29.8	27-32 pg	Calculated
MCHC	32.4	31.5-34.5 g/dL	Calculated
RDW	15.1	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	10550	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND ABSO	DLUTE COUNTS		
Lymphocytes	34.1	20-40 %	
Absolute Lymphocytes	3597.6	1000-3000 /cmm	Calculated
Monocytes	5.4	2-10 %	
Absolute Monocytes	569.7	200-1000 /cmm	Calculated
Neutrophils	59.1	40-80 %	
Absolute Neutrophils	6235.1	2000-7000 /cmm	Calculated
Eosinophils	1.1	1-6 %	
Absolute Eosinophils	116.1	20-500 /cmm	Calculated
Basophils	0.3	0.1-2 %	
Absolute Basophils	31.7	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

#### **PLATELET PARAMETERS**

Platelet Count	158000	150000-400000 /cmm	Elect. Impedance
MPV	13.7	6-11 fl	Calculated
PDW	33.1	11-18 %	Calculated

## **RBC MORPHOLOGY**

Hypochromia	-
Microcytosis	_

Page 1 of 5

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

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



Name : MRS.PRITI SINGH

:31 Years / Female Age / Gender

Consulting Dr.

: Kandivali East (Main Centre) Reg. Location

Authenticity Check

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Collected

Reported

: 17-Dec-2021 / 10:45 :17-Dec-2021 / 13:12

Macrocytosis

Anisocytosis

Poikilocytosis

Polychromasia

**Target Cells** 

Basophilic Stippling

Normoblasts

Others Normocytic, Normochromic

**WBC MORPHOLOGY** 

PLATELET MORPHOLOGY Megaplatelets seen on smear

**COMMENT** Leucocytosis

Result rechecked.

Kindly correlate clinically.

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 2-20 mm at 1 hr. Westergren

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West \*\*\* End Of Report \*\*\*









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



Name : MRS.PRITI SINGH

Age / Gender : 31 Years / Female

Consulting Dr. : -

Reg. Location

: Kandivali East (Main Centre)

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:17-Dec-2021 / 10:45

**Reported** :17-Dec-2021 / 13:36

Collected

## AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	90.0	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.53	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.2	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.33	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.6	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.2	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.0	1 - 2	Calculated
SGOT (AST), Serum	15.7	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	11.4	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	10.6	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	84.0	35-105 U/L	Colorimetric
BLOOD UREA, Serum	13.8	12.8-42.8 mg/dl	Kinetic
BUN, Serum	6.4	6-20 mg/dl	Calculated
CREATININE, Serum	0.62	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	119	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	4.7	2.4-5.7 mg/dl	Enzymatic

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
\*\*\* End Of Report \*\*\*







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

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

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Name : MRS.PRITI SINGH

Age / Gender : 31 Years / Female

Consulting Dr. : -

Reg. Location : Kandivali East (Main Centre)



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Reported

Application To Scan the Code

:17-Dec-2021 / 10:45 :17-Dec-2021 / 13:37

## AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE URINE EXAMINATION REPORT

ORINE EXAMINATION REPORT			
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
PHYSICAL EXAMINATION			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	5.0	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.005	1.001-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	40	-	-
<b>CHEMICAL EXAMINATION</b>			
Proteins	Absent	Absent	pH Indicator
Glucose	Absent	Absent	GOD-POD
Ketones	Absent	Absent	Legals Test
Blood	Trace	Absent	Peroxidase
Bilirubin	Absent	Absent	Diazonium Salt
Urobilinogen	Normal	Normal	Diazonium Salt
Nitrite	Absent	Absent	Griess Test
MICROSCOPIC EXAMINATION	<u>N</u>		
Leukocytes(Pus cells)/hpf	4-5	0-5/hpf	

Leukocytes(Pus cells)/hpf 4-5 0-5/hpf
Red Blood Cells / hpf Occasional 0-2/hpf

Epithelial Cells / hpf 2-3

CastsAbsentAbsentCrystalsAbsentAbsentAmorphous debrisAbsentAbsent

Bacteria / hpf +(>20/hpf) Less than 20/hpf

Others -







Dr.KETAKI MHASKAR M.D. (PATH) Pathologist

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Name : MRS.PRITI SINGH

:31 Years / Female Age / Gender

Consulting Dr.

Reg. Location : Kandivali East (Main Centre)

Authenticity Check

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Reported :17-Dec-2021 / 13:38

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## **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE** LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	165.1	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	107.9	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	39.7	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	125.4	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/d High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated l
LDL CHOLESTEROL, Serum	103.0	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	22.4	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.2	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.6	0-3.5 Ratio	Calculated

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West
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## **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

CBC (Complete Blood Count), Blood			
<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
RBC PARAMETERS			
Haemoglobin	12.0	12.0-15.0 g/dL	Spectrophotometric
RBC	4.04	3.8-4.8 mil/cmm	Elect. Impedance
PCV	37.1	36-46 %	Measured
MCV	92	80-100 fl	Calculated
MCH	29.8	27-32 pg	Calculated
MCHC	32.4	31.5-34.5 g/dL	Calculated
RDW	15.1	11.6-14.0 %	Calculated
WBC PARAMETERS			
WBC Total Count	10550	4000-10000 /cmm	Elect. Impedance
WBC DIFFERENTIAL AND AB	SOLUTE COUNTS		
Lymphocytes	34.1	20-40 %	
Absolute Lymphocytes	3597.6	1000-3000 /cmm	Calculated
Monocytes	5.4	2-10 %	
Absolute Monocytes	569.7	200-1000 /cmm	Calculated
Neutrophils	59.1	40-80 %	
Absolute Neutrophils	6235.1	2000-7000 /cmm	Calculated
Eosinophils	1.1	1-6 %	
Absolute Eosinophils	116.1	20-500 /cmm	Calculated
Basophils	0.3	0.1-2 %	
Absolute Basophils	31.7	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

#### **PLATELET PARAMETERS**

Platelet Count	158000	150000-400000 /cmm	Elect. Impedance
MPV	13.7	6-11 fl	Calculated
PDW	33.1	11-18 %	Calculated

### **RBC MORPHOLOGY**

Hypochromia	-
Microcytosis	-

Page 1 of 10

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:17-Dec-2021 / 13:12

Macrocytosis

Anisocytosis

Poikilocytosis

Polychromasia

**Target Cells** 

Basophilic Stippling

Normoblasts

Others Normocytic, Normochromic

**WBC MORPHOLOGY** 

PLATELET MORPHOLOGY Megaplatelets seen on smear

**COMMENT** Leucocytosis

Result rechecked.

Kindly correlate clinically.

Specimen: EDTA Whole Blood

ESR, EDTA WB-ESR 2-20 mm at 1 hr. Westergren

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West \*\*\* End Of Report \*\*\*









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Age / Gender : 31 Years / Female

Consulting Dr. :

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## **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	90.0	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
GLUCOSE (SUGAR) PP, Fluoride Plasma PP/R	101.3	Non-Diabetic: < 140 mg/dl Impaired Glucose Tolerance: 140-199 mg/dl Diabetic: >/= 200 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.53	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.2	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.33	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	6.6	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.4	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.2	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	2.0	1 - 2	Calculated
SGOT (AST), Serum	15.7	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	11.4	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	10.6	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	84.0	35-105 U/L	Colorimetric
BLOOD UREA, Serum	13.8	12.8-42.8 mg/dl	Kinetic
BUN, Serum	6.4	6-20 mg/dl	Calculated
CREATININE, Serum	0.62	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	119	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	4.7	2.4-5.7 mg/dl	Enzymatic

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Name : MRS.PRITI SINGH

:31 Years / Female Age / Gender

Consulting Dr.

Reg. Location

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:17-Dec-2021 / 18:30

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 Borivali Lab, Borivali West \*\*\* End Of Report \*\*\*







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

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Name : MRS.PRITI SINGH

Age / Gender : 31 Years / Female

Consulting Dr. : -

**Reg. Location**: Kandivali East (Main Centre)



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: 17-Dec-2021 / 10:45

:17-Dec-2021 / 16:56

**HPLC** 

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

### PARAMETER RESULTS BIOLOGICAL REF RANGE METHOD

Glycosylated Hemoglobin 5.2 Non-Diabetic Level: < 5.7 %

Prediabetic Level: 5.7-6.4 %

Collected

Reported

Diabetic Level: >/= 6.5 %

Estimated Average Glucose 102.5 mg/dl Calculated

(eAG), EDTA WB - CC

(HbA1c), 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 CPL, Andheri West
\*\*\* End Of Report \*\*\*







Dr.JYOT THAKKER M.D. (PATH), DPB Pathologist & AVP( Medical Services)



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

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

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Name : MRS.PRITI SINGH

:31 Years / Female Age / Gender

Consulting Dr.

Reg. Location : Kandivali East (Main Centre)



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Reported

: 17-Dec-2021 / 10:45

:17-Dec-2021 / 13:37

## **AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE** LIRINF FXAMINATION REPORT

ORINE EXAMINATION REPORT			
<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>	
Pale yellow	Pale Yellow	-	
5.0	4.5 - 8.0	Chemical Indicator	
1.005	1.001-1.030	Chemical Indicator	
Clear	Clear	-	
40	-	-	
Absent	Absent	pH Indicator	
Absent	Absent	GOD-POD	
Absent	Absent	Legals Test	
Trace	Absent	Peroxidase	
Absent	Absent	Diazonium Salt	
Normal	Normal	Diazonium Salt	
Absent	Absent	Griess Test	
4-5	0-5/hpf		
	Pale yellow 5.0 1.005 Clear 40 Absent Absent Trace Absent Normal Absent	Pale yellow 5.0 1.005 1.001-1.030 Clear 40 - Absent Absent Absent Absent Absent Trace Absent Normal Absent Absent Absent Normal Absent	

Red Blood Cells / hpf 0-2/hpf Occasional

Epithelial Cells / hpf 2-3

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

Bacteria / hpf +(>20/hpf) Less than 20/hpf

Others









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

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West \*\*\* End Of Report \*\*



Name : MRS.PRITI SINGH

Age / Gender : 31 Years / Female

Consulting Dr. Collected : 17-Dec-2021 / 10:45

:17-Dec-2021 / 16:31 : Kandivali East (Main Centre) Reported Reg. Location

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

**PARAMETER RESULTS** 

**ABO GROUP** 0

Rh TYPING **POSITIVE** 

NOTE: Test performed by automated column agglutination technology (CAT) which is more sensitive than conventional methods.

Note: This sample is not tested for Bombay blood group.

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 1.
- AABB technical manual

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD CPL, Andheri West \*\*\* End Of Report \*\*



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**Dr.SHASHIKANT DIGHADE** M.D. (PATH) **Pathologist** 

Page 7 of 10

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

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

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Name : MRS.PRITI SINGH

Age / Gender : 31 Years / Female

Consulting Dr. : -

Reg. Location : Kandivali East (Main Centre)



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47 D - - 2024 / 40:

Collected : 17-Dec-2021 / 10:45 Reported : 17-Dec-2021 / 13:38

## AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE LIPID PROFILE

<u>PARAMETER</u>	<u>RESULTS</u>	BIOLOGICAL REF RANGE	<u>METHOD</u>
CHOLESTEROL, Serum	165.1	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	107.9	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	39.7	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	125.4	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated l
LDL CHOLESTEROL, Serum	103.0	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	22.4	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.2	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	2.6	0-3.5 Ratio	Calculated

<sup>\*</sup>Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Borivali Lab, Borivali West  $^{***}$  End Of Report  $^{***}$ 









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: Kandivali East (Main Centre)

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:17-Dec-2021 / 10:45

:17-Dec-2021 / 17:30

# AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE THYROID FUNCTION TESTS

<u>PARAMETER</u>	<u>RESULTS</u>	<b>BIOLOGICAL REF RANGE</b>	<u>METHOD</u>
Free T3, Serum	4.2	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	14.0	11.5-22.7 pmol/L First Trimester:9.0-24.7 Second Trimester:6.4-20.59 Third Trimester:6.4-20.59	ECLIA
sensitiveTSH, Serum	3.68	0.35-5.5 microIU/ml First Trimester:0.1-2.5 Second Trimester:0.2-3.0 Third Trimester:0.3-3.0	ECLIA



Name : MRS.PRITI SINGH

Age / Gender : 31 Years / Female

Consulting Dr. : - Collected :17-Dec-2021 / 10:45

Reg. Location : Kandivali East (Main Centre) Reported :17-Dec-2021 / 17:30

#### 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 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)







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

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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 : **2135132553** SID : 177803091951

 Name
 : MRS.PRITI SINGH
 Registered
 : 17-Dec-2021 / 10:36

 Age / Gender
 : 31 Years/Female
 Collected
 : 17-Dec-2021 / 10:36

PHYSICAL EXAMINATION REPORT

## I III OIOAL LAAMINATION NE

History	and (	Comp	laints:
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No

#### **EXAMINATION FINDINGS:**

Height (cms):150 cmsWeight (kg):67 kgsTemp (0c):AfebrileSkin:NormalBlood Pressure (mm/hg):110/70Nails:NormalPulse:72/minLymph Node:Not Palpable

#### **Systems**

Cardiovascular: Normal
Respiratory: Normal
Genitourinary: Normal
GI System: Normal
CNS: Normal

#### **IMPRESSION:**

#### ADVICE:

#### **CHIEF COMPLAINTS:**

Hypertension: No
 IHD No
 Arrhythmia No
 Diabetes Mellitus No



: 17-Dec-2021 / 10:36

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

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CID : 2135132553 SID : 177803091951

Name : MRS.PRITI SINGH Registered : 17-Dec-2021 / 10:36

Age / Gender : 31 Years/Female 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 fracture of ankle joint 2 1/2 ago

17) Musculoskeletal System No

#### **PERSONAL HISTORY:**

1) Alcohol No 2) Smoking No Diet Mixed 4) Medication No

\*\*\* End Of Report \*\*\*