



Use a QR Code Scanner
Application To Scan the Code

CID : 2215417958
Name : MRS.ASHLESHA SAWANT
Age / Gender : 41 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 03-Jun-2022 / 08:24
Reported : 03-Jun-2022 / 12:23

R
E
P
O
R
T

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	8.8	12.0-15.0 g/dL	Spectrophotometric
RBC	3.99	3.8-4.8 mil/cmm	Elect. Impedance
PCV	27.9	36-46 %	Measured
MCV	70	80-100 fl	Calculated
MCH	22.1	27-32 pg	Calculated
MCHC	31.5	31.5-34.5 g/dL	Calculated
RDW	17.3	11.6-14.0 %	Calculated
<u>WBC PARAMETERS</u>			
WBC Total Count	6490	4000-10000 /cmm	Elect. Impedance
<u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u>			
Lymphocytes	26.4	20-40 %	
Absolute Lymphocytes	1713.4	1000-3000 /cmm	Calculated
Monocytes	8.4	2-10 %	
Absolute Monocytes	545.2	200-1000 /cmm	Calculated
Neutrophils	57.3	40-80 %	
Absolute Neutrophils	3718.8	2000-7000 /cmm	Calculated
Eosinophils	7.4	1-6 %	
Absolute Eosinophils	480.3	20-500 /cmm	Calculated
Basophils	0.5	0.1-2 %	
Absolute Basophils	32.5	20-100 /cmm	Calculated
Immature Leukocytes	-		

WBC Differential Count by Absorbance & Impedance method/Microscopy.

PLATELET PARAMETERS

Platelet Count	452000	150000-400000 /cmm	Elect. Impedance
MPV	7.6	6-11 fl	Calculated
PDW	12.4	11-18 %	Calculated

RBC MORPHOLOGY

Hypochromia	+
Microcytosis	+



Use a QR Code Scanner
Application To Scan the Code

CID : 2215417958
Name : MRS.ASHLESHA SAWANT
Age / Gender : 41 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 03-Jun-2022 / 08:24
Reported : 03-Jun-2022 / 11:42

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
GLUCOSE (SUGAR) FASTING, Fluoride Plasma	84.3	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
BILIRUBIN (TOTAL), Serum	0.31	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.14	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.17	0.1-1.0 mg/dl	Calculated
TOTAL PROTEINS, Serum	7.4	6.4-8.3 g/dL	Biuret
ALBUMIN, Serum	4.6	3.5-5.2 g/dL	BCG
GLOBULIN, Serum	2.8	2.3-3.5 g/dL	Calculated
A/G RATIO, Serum	1.6	1 - 2	Calculated
SGOT (AST), Serum	17.6	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	12.9	5-33 U/L	NADH (w/o P-5-P)
GAMMA GT, Serum	11.2	3-40 U/L	Enzymatic
ALKALINE PHOSPHATASE, Serum	58.1	35-105 U/L	Colorimetric
BLOOD UREA, Serum	13.5	12.8-42.8 mg/dl	Kinetic
BUN, Serum	6.3	6-20 mg/dl	Calculated
CREATININE, Serum	0.57	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	124	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	4.3	2.4-5.7 mg/dl	Enzymatic

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



MC-2111



Anupa

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

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



Use a QR Code Scanner
Application To Scan the Code

CID : 2215417958
Name : MRS.ASHLESHA SAWANT
Age / Gender : 41 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 03-Jun-2022 / 08:24
Reported : 03-Jun-2022 / 12:26

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

<u>PARAMETER</u>	<u>RESULTS</u>
ABO GROUP	B
Rh TYPING	POSITIVE

NOTE: Test performed by automated column agglutination technology (CAT) 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 CPL, Andheri West

*** End Of Report ***



MC-2111



M Jain

Dr.MILLU JAIN
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@suburbandiagnosics.com | www.suburbandiagnosics.com



CID : 2215417958
Name : MRS.ASHLESHA SAWANT
Age / Gender : 41 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 03-Jun-2022 / 08:24
Reported : 03-Jun-2022 / 12:17

Use a QR Code Scanner
Application To Scan the Code

AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE
LIPID PROFILE

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	197.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	CHOD-POD
TRIGLYCERIDES, Serum	78.9	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	65.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	131.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	115.0	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	16.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.0	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.8	0-3.5 Ratio	Calculated

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



MC-2111

Bmhaskar

Dr.KETAKI MHASKAR
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@suburbandiagnosics.com | www.suburbandiagnosics.com



Use a QR Code Scanner
Application To Scan the Code

CID : 2215417958
Name : MRS.ASHLESHA SAWANT
Age / Gender : 41 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 03-Jun-2022 / 08:24
Reported : 03-Jun-2022 / 12:39

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	4.8	3.5-6.5 pmol/L	ECLIA
Free T4, Serum	15.3	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	0.898	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



CID : 2215417958
Name : MRS.ASHLESHA SAWANT
Age / Gender : 41 Years / Female
Consulting Dr. : -
Reg. Location : Borivali West (Main Centre)

Collected : 03-Jun-2022 / 08:24
Reported : 03-Jun-2022 / 12:39

Use a QR Code Scanner
Application To Scan the Code

Interpretation:

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

Clinical Significance:

- 1)TSH Values between 5.5 to 15 microIU/ml should be correlated clinically or repeat the test with new sample as physiological factors can give falsely high TSH.
- 2)TSH values may be transiently altered because of non thyroidal illness like severe infections,liver disease, renal and heart severe burns, trauma and surgery etc.

TSH	FT4 / T4	FT3 / T3	Interpretation
High	Normal	Normal	Subclinical hypothyroidism, poor compliance with thyroxine, drugs like amiodarone, Recovery phase of non-thyroidal illness, TSH Resistance.
High	Low	Low	Hypothyroidism, Autoimmune thyroiditis, post radio iodine Rx, post thyroidectomy, Anti thyroid drugs, tyrosine kinase inhibitors & amiodarone, amyloid deposits in thyroid, thyroid tumors & congenital hypothyroidism.
Low	High	High	Hyperthyroidism, Graves disease, toxic multinodular goiter, toxic adenoma, excess iodine or thyroxine intake, pregnancy related (hyperemesis gravidarum, hydatiform mole)
Low	Normal	Normal	Subclinical Hyperthyroidism, recent Rx for Hyperthyroidism, drugs like steroids & dopamine), Non thyroidal illness.
Low	Low	Low	Central Hypothyroidism, Non Thyroidal Illness, Recent Rx for Hyperthyroidism.
High	High	High	Interfering anti TPO antibodies, Drug interference: Amiodarone, Heparin, Beta Blockers, steroids & anti epileptics.

Diurnal Variation:TSH follows a diurnal rhythm and is at maximum between 2 am and 4 am , and is at a minimum between 6 pm and 10 pm. The variation is on the order of 50 to 206%. Biological variation:19.7%(with in subject variation)

Reflex Tests:Anti thyroid Antibodies,USG Thyroid ,TSH receptor Antibody. Thyroglobulin, Calcitonin

Limitations:Samples should not be taken from patients receiving therapy with high biotin doses (i.e. >5 mg/day) until atleast 8 hours following the last biotin administration.

Reference:

- 1.O.koulouri et al. / Best Practice and Research clinical Endocrinology and Metabolism 27(2013)
- 2.Interpretation of the thyroid function tests, Dayan et al. THE LANCET . Vol 357
- 3.Tietz ,Text Book of Clinical Chemistry and Molecular Biology -5th Edition
- 4.Biological Variation:From principles to Practice-Callum G Fraser (AACC Press)

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



Anupa Dixit

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

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