



CID : 2121235063  
Name : MR.GAGARAI AMRIN  
Age / Gender : 29 Years / Male  
Consulting Dr. : -  
Reg. Location : G B Road, Thane West (Main Centre)

Collected : 31-Jul-2021 / 09:39  
Reported : 31-Jul-2021 / 11:23

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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>
<b><u>RBC PARAMETERS</u></b>			
Haemoglobin	14.3	13.0-17.0 g/dL	Spectrophotometric
RBC	<b>6.68</b>	4.5-5.5 mil/cmm	Elect. Impedance
PCV	44.9	40-50 %	Measured
MCV	<b>67</b>	80-100 fl	Calculated
MCH	<b>21.3</b>	27-32 pg	Calculated
MCHC	31.8	31.5-34.5 g/dL	Calculated
RDW	17.1	11.6-14.0 %	Calculated
<b><u>WBC PARAMETERS</u></b>			
WBC Total Count	6300	4000-10000 /cmm	Elect. Impedance
<b><u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u></b>			
Lymphocytes	35.0	20-40 %	
Absolute Lymphocytes	2205.0	1000-3000 /cmm	Calculated
Monocytes	6.8	2-10 %	
Absolute Monocytes	428.4	200-1000 /cmm	Calculated
Neutrophils	56.2	40-80 %	
Absolute Neutrophils	3540.6	2000-7000 /cmm	Calculated
Eosinophils	1.9	1-6 %	
Absolute Eosinophils	119.7	20-500 /cmm	Calculated
Basophils	0.1	0.1-2 %	
Absolute Basophils	<b>6.3</b>	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<b><u>PLATELET PARAMETERS</u></b>			
Platelet Count	344000	150000-400000 /cmm	Elect. Impedance
MPV	9.3	6-11 fl	Calculated
PDW	17.3	11-18 %	Calculated
<b><u>RBC MORPHOLOGY</u></b>			
Hypochromia	+		
Microcytosis	++		
Macrocytosis	-		



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Anisocytosis	Mild
Poikilocytosis	Mild
Polychromasia	-
Target Cells	-
Basophilic Stippling	-
Normoblasts	-
Others	Elliptocytes-occasional
WBC MORPHOLOGY	-
PLATELET MORPHOLOGY	-
COMMENT	Features suggest thalassemia trait.

Advice : Hb Electrophoresis & Reticulocyte count estimation recommended.

Specimen: EDTA Whole Blood

ESR, Citrate WB 5 2-15 mm at 1 hr. Westergren

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



MC-2427



*Lyndza Rodrigues*

**Dr.LYNDA RODRIGUES**  
MD Pathology  
PATHOLOGIST

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

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



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Reported : 31-Jul-2021 / 12:12

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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	105.2	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
CHOLESTEROL, Serum	221.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	49.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
LDL CHOLESTEROL, Serum	159.6	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	Homogeneous enzymatic colorimetric assay
TRIGLYCERIDES, Serum	129.6	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	GPO-POD
BILIRUBIN (TOTAL), Serum	0.33	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.14	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.19	0.1-1.0 mg/dl	Calculated
SGOT (AST), Serum	49.2	5-40 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	91.2	5-45 U/L	IFCC without pyridoxal phosphate activation
ALKALINE PHOSPHATASE, Serum	116.8	40-130 U/L	PNPP



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BLOOD UREA, Serum	20.5	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	9.6	6-20 mg/dl	Calculated
CREATININE, Serum	0.83	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	116	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	7.0	3.5-7.2 mg/dl	Uricase

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**AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE**  
**THYROID FUNCTION TEST**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
sensitiveTSH, Serum	0.759	0.35-5.5 microIU/ml	ECLIA

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

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

NOTE: Test performed by Semi- automated column agglutination technology (CAT)

Note : This Sample has also been tested for Bombay group/Bombay phenotype /Oh using anti-H lectin.

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:**

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

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**LIPID PROFILE**

<u>PARAMETER</u>	<u>RESULTS</u>	<u>BIOLOGICAL REF RANGE</u>	<u>METHOD</u>
CHOLESTEROL, Serum	221.0	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	129.6	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	49.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	171.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	159.6	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	Homogeneous enzymatic colorimetric assay
VLDL CHOLESTEROL, Serum	11.6	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	4.4	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.2	0-3.5 Ratio	Calculated

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