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CID : 2122637426  
Name : MR.KETAN VAIDYA  
Age / Gender : 27 Years / Male  
Consulting Dr. : -  
Reg. Location : Mulund West (Main Centre)

Collected : 14-Aug-2021 / 09:53  
Reported : 14-Aug-2021 / 14:14

## AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

### CBC (Complete Blood Count), Blood

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<b><u>RBC PARAMETERS</u></b>			
Haemoglobin	15.4	13.0-17.0 g/dL	Spectrophotometric
RBC	<b>3.60</b>	4.5-5.5 mil/cmm	Elect. Impedance
PCV	45.2	40-50 %	Measured
MCV	<b>126</b>	80-100 fl	Calculated
MCH	<b>42.7</b>	27-32 pg	Calculated
MCHC	34.0	31.5-34.5 g/dL	Calculated
RDW	11.7	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	30.1	20-40 %	
Absolute Lymphocytes	1896.3	1000-3000 /cmm	Calculated
Monocytes	3.6	2-10 %	
Absolute Monocytes	226.8	200-1000 /cmm	Calculated
Neutrophils	64.5	40-80 %	
Absolute Neutrophils	4063.5	2000-7000 /cmm	Calculated
Eosinophils	1.7	1-6 %	
Absolute Eosinophils	107.1	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.

### **PLATELET PARAMETERS**

Platelet Count	254000	150000-400000 /cmm	Elect. Impedance
MPV	8.6	6-11 fl	Calculated
PDW	15.3	11-18 %	Calculated

### **RBC MORPHOLOGY**

Hypochromia	-
Microcytosis	-
Macrocytosis	+++





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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	87.9	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
CHOLESTEROL, Serum	151.6	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	27.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
LDL CHOLESTEROL, Serum	106.4	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	166.5	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	1.95	0.1-1.2 mg/dl	Diazo
BILIRUBIN (DIRECT), Serum	0.60	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	1.35	0.1-1.0 mg/dl	Calculated
SGOT (AST), Serum	19.7	5-40 U/L	IFCC without pyridoxal phosphate activation
SGPT (ALT), Serum	22.5	5-45 U/L	IFCC without pyridoxal phosphate activation
ALKALINE PHOSPHATASE, Serum	90.8	40-130 U/L	PNPP



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BLOOD UREA, Serum	13.7	12.8-42.8 mg/dl	Urease & GLDH
BUN, Serum	6.4	6-20 mg/dl	Calculated
CREATININE, Serum	0.77	0.67-1.17 mg/dl	Enzymatic
eGFR, Serum	129	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	4.5	3.5-7.2 mg/dl	Uricase

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



MC-2427



*Lynda Rodrigues*

**Dr.LYNDA RODRIGUES**  
**MD Pathology**  
**PATHOLOGIST**

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

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Reported : 14-Aug-2021 / 12:03

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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	1.63	0.35-5.5 microIU/ml	ECLIA

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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>
<b><u>PHYSICAL EXAMINATION</u></b>			
Color	Pale yellow	Pale Yellow	-
Reaction (pH)	Acidic (6.0)	4.5 - 8.0	Chemical Indicator
Specific Gravity	1.010	1.010-1.030	Chemical Indicator
Transparency	Clear	Clear	-
Volume (ml)	30	-	-
<b><u>CHEMICAL EXAMINATION</u></b>			
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
<b><u>MICROSCOPIC EXAMINATION</u></b>			
Leukocytes(Pus cells)/hpf	0-1	0-5/hpf	
Red Blood Cells / hpf	Absent	0-2/hpf	
Epithelial Cells / hpf	1-2		
Casts	Absent	Absent	
Crystals	Absent	Absent	
Amorphous debris	Absent	Absent	
Bacteria / hpf	2-3	Less than 20/hpf	

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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.

**References:**

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	151.6	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	166.5	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	27.4	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Homogeneous enzymatic colorimetric assay
NON HDL CHOLESTEROL, Serum	124.2	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	106.4	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	17.8	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	5.5	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	3.9	0-3.5 Ratio	Calculated

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