



CID : 2121021992  
Name : MRS.NEHA SHARMA  
Age / Gender : 35 Years / Female  
Consulting Dr. : -  
Reg. Location : Vashi (Main Centre)

Collected : 01-Aug-2021 / 07:57  
Reported : 01-Aug-2021 / 11:48

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## AERFOCAMI HEALTHCARE BELOW 40 MALE/FEMALE

### CBC (Complete Blood Count), Blood

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
<b><u>RBC PARAMETERS</u></b>			
Haemoglobin	12.3	12.0-15.0 g/dL	Spectrophotometric
RBC	4.23	3.8-4.8 mil/cmm	Elect. Impedance
PCV	37.4	36-46 %	Measured
MCV	88.4	80-100 fl	Calculated
MCH	29.2	27-32 pg	Calculated
MCHC	33.0	31.5-34.5 g/dL	Calculated
RDW	14.0	11.6-14.0 %	Calculated
<b><u>WBC PARAMETERS</u></b>			
WBC Total Count	7040	4000-10000 /cmm	Elect. Impedance
<b><u>WBC DIFFERENTIAL AND ABSOLUTE COUNTS</u></b>			
Lymphocytes	26.0	20-40 %	
Absolute Lymphocytes	1830.4	1000-3000 /cmm	Calculated
Monocytes	7.5	2-10 %	
Absolute Monocytes	528.0	200-1000 /cmm	Calculated
Neutrophils	56.2	40-80 %	
Absolute Neutrophils	3956.5	2000-7000 /cmm	Calculated
Eosinophils	<b>9.6</b>	1-6 %	
Absolute Eosinophils	<b>675.8</b>	20-500 /cmm	Calculated
Basophils	0.7	0.1-2 %	
Absolute Basophils	49.3	20-100 /cmm	Calculated
Immature Leukocytes	-		
WBC Differential Count by Absorbance & Impedance method/Microscopy.			
<b><u>PLATELET PARAMETERS</u></b>			
Platelet Count	191000	150000-400000 /cmm	Elect. Impedance
MPV	12.7	6-11 fl	Calculated
PDW	26.3	11-18 %	Calculated
<b><u>RBC MORPHOLOGY</u></b>			
Hypochromia	-		
Microcytosis	-		
Macrocytosis	-		



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Anisocytosis -  
Poikilocytosis -  
Polychromasia -  
Target Cells -  
Basophilic Stippling -  
Normoblasts -  
Others Normocytic, Normochromic  
WBC MORPHOLOGY -  
PLATELET MORPHOLOGY -  
COMMENT Eosinophilia

Specimen: EDTA Whole Blood

ESR, Citrate WB 37 2-20 mm at 1 hr. Westergren

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



*Amar Dasgupta*  
**Dr. AMAR DASGUPTA, MD, PhD**  
Consultant Hematopathologist  
Director - Medical Services

*Vrushali Shroff*  
**Dr. Vrushali Shroff**  
M.D.(PATH)  
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

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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	93.1	Non-Diabetic: < 100 mg/dl Impaired Fasting Glucose: 100-125 mg/dl Diabetic: >/= 126 mg/dl	Hexokinase
CHOLESTEROL, Serum	157.4	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	50.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
LDL CHOLESTEROL, Serum	88.4	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	Colorimetric
TRIGLYCERIDES, Serum	126.9	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
BILIRUBIN (TOTAL), Serum	0.81	0.1-1.2 mg/dl	Colorimetric
BILIRUBIN (DIRECT), Serum	0.32	0-0.3 mg/dl	Diazo
BILIRUBIN (INDIRECT), Serum	0.49	0.1-1.0 mg/dl	Calculated
SGOT (AST), Serum	16.9	5-32 U/L	NADH (w/o P-5-P)
SGPT (ALT), Serum	16.1	5-33 U/L	NADH (w/o P-5-P)
ALKALINE PHOSPHATASE, Serum	89.5	35-105 U/L	Colorimetric
BLOOD UREA, Serum	14.8	12.8-42.8 mg/dl	Kinetic
BUN, Serum	6.9	6-20 mg/dl	Calculated

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CREATININE, Serum	0.77	0.51-0.95 mg/dl	Enzymatic
eGFR, Serum	91	>60 ml/min/1.73sqm	Calculated
URIC ACID, Serum	4.8	2.4-5.7 mg/dl	Enzymatic

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



**Dr.ANURADHA NARAYANKHEDKAR**  
**M.D, DCP**  
**PATHOLOGIST**

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

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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	2.27	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

\*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD Panvel Lab, Panvel East

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



**Dr.ANURADHA NARAYANKHEDKAR**  
M.D, DCP  
PATHOLOGIST

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

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Glycosylated Hemoglobin (HbA1c), EDTA WB	5.1	Non-Diabetic Level: < 5.7 % Prediabetic Level: 5.7-6.4 % Diabetic Level: >= 6.5 %	HPLC
Estimated Average Glucose (eAG), EDTA WB	99.7	mg/dl	Calculated

**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.

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



MC-2111

*Shashi D*

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

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

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

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
CHOLESTEROL, Serum	157.4	Desirable: <200 mg/dl Borderline High: 200-239mg/dl High: >/=240 mg/dl	Enzymatic
TRIGLYCERIDES, Serum	126.9	Normal: <150 mg/dl Borderline-high: 150 - 199 mg/dl High: 200 - 499 mg/dl Very high:>/=500 mg/dl	Enzymatic
HDL CHOLESTEROL, Serum	50.8	Desirable: >60 mg/dl Borderline: 40 - 60 mg/dl Low (High risk): <40 mg/dl	Enzymatic
NON HDL CHOLESTEROL, Serum	106.6	Desirable: <130 mg/dl Borderline-high:130 - 159 mg/dl High:160 - 189 mg/dl Very high: >/=190 mg/dl	Calculated
LDL CHOLESTEROL, Serum	88.4	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	Colorimetric
VLDL CHOLESTEROL, Serum	18.2	< /= 30 mg/dl	Calculated
CHOL / HDL CHOL RATIO, Serum	3.1	0-4.5 Ratio	Calculated
LDL CHOL / HDL CHOL RATIO, Serum	1.7	0-3.5 Ratio	Calculated

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



*Shashi D*

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

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