

Flat No 1, Western Court

Navi Peth, Pune-411030

Tel No: 919921827182

PID: 1108457

## Ref.:Dr.KULKARNI SANDEEP MBBS MD(MED) DNB

SID: 124186174

Collection Date: 08-02-2025 08:05 AM Registration Date: 08-02-2025 08:05 am Report Date: 08-02-2025 03:11 PM

REPORT Age:59.01 Years Sex:MALE 08-02-2025

Complete Blood Count (EDTA Whole Blood) Result Biological Reference Interval

Hemoglobin (Hb), EDTA whole blood 13.2 - 16.6 g/dL

Method: Photometry

**Total Leucocytes (WBC) count 5,100** 4000-10000/μL

Method: Coulter Principle / Microscopy

Platelet count 58,000 150000 to 410000 /µL

Method: Coulter Principle / Microscopy

Red blood cell (RBC) count 3.82 4.35 - 5.65 x 10/6 /μL

Method: Coulter Principle

PCV (Packed Cell Volume) 38.30 - 48.60 %

Method: Calculated

**MCV (Mean Corpuscular Volume) 87.90** 78.2 - 97.9 fL

Method: Derived from RBC histogram

**MCH (Mean Corpuscular Hb)** 31.00 27.0 - 32.0 pgms

Method: Calculated

**MCHC (Mean Corpuscular Hb Conc.)** 35.20 31.5 - 34.5 g/dL

Method: Calculated

**RDW (RBC distribution width)** 11.8 - 14.5 %

Method: Derived from RBC Histogram

MPV (Mean Platelet Volume) 9.30 7.4 - 11.4 fL

Method: Derived from Platelet Histogram

WBC Differential Count (Method: VCSn / Microscopy / Calculated)

**Neutrophils 63** 40 - 80 %

**Absolute Neutrophils** 3,213 2000 - 7000 /μL

Eosinophils 02 1 - 6 %

**Absolute Eosinophils** 102 20 - 500 /µL

**Basophils 00** 0 - 2 %

**Absolute Basophils** 0 0 - 100  $/\mu$ L

**Lymphocytes 23** 20 - 40 %

Absolute Lymphocytes 1,173 1000 - 3000 /µL

**Monocytes 12** 2 - 10 %

**Absolute Monocytes 612** 200 - 1000 /μL

\*#\*



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Dr Girish Dnyandeo Solanke

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Dr. Awanti Golwilkar



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# **Complete Blood Count Findings**

R.B.C. : Normocytic, Normochromic

W.B.C. : No abnormality detected

Platelets : Mild reduction.

Remark : ON FOLLOW UP.

.SUGGESTED CLINICAL CORRELATION & FOLLOW UP.

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MC-3143

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Test Description	Observed	Biological Reference Interval
<u>Liver Function Test :</u>		
Bilirubin-Total, serum by Diazo method	<u>2.40</u>	0.10 - 1.20 mg/dL Neonates : Upto 15.0 mg/dL
Bilirubin-Conjugated, serum by Diazo method	1.00	Upto 0.5 mg/dL
Bilirubin-Unconjugated, serum by calculation	1.40	0.1 to 1.0 mg/dL
SGOT (AST), serum by Enzymatic method	25	>or= 14 years : 8 - 48 U/Lt
SGPT (ALT), serum by Enzymatic Method	20	7 to 55 U/Lt
Alkaline Phosphatase, serum by pNPP-kinetic	139	Adult Male : (Unit : U/Lt.) 15 - < 17 years : 82 - 331 17 - < 19 years : 55 - 149 > or = 19 years : 40 - 129
Protein (total), serum by Biuret method	8.00	6.4 to 8.3 g/dL
Albumin, serum by Bromocresol green method	<u>3.30</u>	3.5 to 5.0 g/dL
Globulin, serum by calculation	<u>4.70</u>	2.3 - 3.5 g/dL

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Observed Value Biological Reference Interval

Gamma Glutamyl Transferase (GGT)

Gamma GT(GGT), Serum by Carboxy substrate-kinetic 51.00 Male: (Unit: U/Lt.)

13 - 17 years : < 43 >or= 18 years : 8 - 61

## Interpretation

- \* GGT is used to diagnose and monitor hepatobiliary diseases.
- \* Increased GGT and Alkaline Phosphatase indicate hepatobiliary diseases.
- \* Normal GGT activity and increased Alkaline Phosphatase is consistent with skeletal disease.
- \* May be used a screening test for occult alcoholism.
- \* Elevated GGT is seen in:
  - 1) Intra or post hepatic biliary obstruction (5 to 30 times normal)
  - 2) Infectious hepatitis (2 to 5 times normal)
  - 3) Alcoholism
  - 4) Sclerosing cholangitis
  - 5) Primary or secondary neoplasm
  - 6) Medications such as phenytoin and phenobarbitone

Reference: Mayo Medical Laboratories, 2018 Interpretive Handbook.

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Observed Value Biological Reference Interval

Test Description
Plasma Glucose:

Plasma glucose fasting, by Hexokinase method **109** 

< 100 mg/dL

100 to 125 mg/dL : Impaired fasting glucose tolerance / Prediabetes >/= 126 mg/dL : Suggestive of

diabetes mellitus

(On more than one occasion) For pregnant Female : < 95 mg/dL American Diabetes Association

Guidelines 2025

Plasma glucose post prandial, by Hexokinase method <u>252</u>

< 140 mg/dL

140 to 199 mg/dL: Impaired glucose tolerance / Prediabetes >/= 200 mg/dL: Suggestive of

diabetes mellitus

(On more than one occasion) American Diabetes Association

Guidelines 2025

**Clinical Chemistry** 

Creatinine, serum by Jaffe w/o deproteinization

O.85

0.6 to 1.2 mg/dL

Sodium, serum by ISE Indirect

131.00

136 to 145 mmol/Lt

Potassium, serum by ISE Indirect

5.00

3.50 to 5.10 mmol/Lt

Coagulation

Prothrombin Time, Citrated Plasma - Patient value 15.30 10.00 - 12.70 Secs



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Dr. Awanti Golwilkar MBBS, MD (Pathology) Dr. Vinanti Golwilkar

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**Coagulation:** 

**Test Description** 

Prothrombin time - Control value **11.30** Secs

INR Value 0.85 - 1.15 (ISI : 1.05)

TEST DONE ON: AUTOMATED BLOOD COAGULATION ANALYZER, CA-600 SERIES, SYSMEX CORP., JAPAN.

PHOTO OPTICAL CLOT DETECTION METHOD.

On follow up.

**End of Report** 



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