

Flat No 1, Western Court

Navi Peth, Pune-411030

Tel No: 919921827182

PID: 1108457

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

SID: 124148558

Collection Date: 04-12-2024 11:27 AM Registration Date: 04-12-2024 11:27 am Report Date:

04-12-2024 05:46 PM

#### REPORT Age:58.11 Years Sex: MALE

Complete Blood Count (EDTA Whole Blood)	Result	Biological Reference Interval
Hemoglobin (Hb), EDTA whole blood	10.90	13.2 - 16.6 g/dL
Method: Photometry		
Total Leucocytes (WBC) count	<u>3,100</u>	4000-10000/μL
Method : Coulter Principle / Microscopy		
Platelet count	<u>36,000</u>	150000 to 410000 /μL
Method : Coulter Principle / Microscopy		
Red blood cell (RBC) count	<u>3.37</u>	4.35 - 5.65 x 10^6 /μL
Method: Coulter Principle		
PCV (Packed Cell Volume)	<u>30.80</u>	38.30 - 48.60 %
Method: Calculated		
MCV (Mean Corpuscular Volume)	91.40	78.2 - 97.9 fL
Method: Derived from RBC histogram		
MCH (Mean Corpuscular Hb)	<u>32.20</u>	27.0 - 32.0 pgms
Method: Calculated		
MCHC (Mean Corpuscular Hb Conc.)	<u>35.30</u>	31.5 - 34.5 g/dL
Method: Calculated		
RDW (RBC distribution width)	<u>17.30</u>	11.8 - 14.5 %
Method: Derived from RBC Histogram		
MPV (Mean Platelet Volume)	9.70	7.4 - 11.4 fL
Method: Derived from Platelet Histogram		

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

WBC Differential Count (Method. VC	WBC Differential Count (Method: VCSH / Microscopy / Calculated)				
Neutrophils	58	40 - 80 %			
Absolute Neutrophils	<u>1,798</u>	2000 - 7000 /μL			
Eosinophils	2	1 - 6 %			
Absolute Eosinophils	62	20 - 500 /μL			
Basophils	0	0 - 2 %			
Absolute Basophils	0	0 - 100 /µL			
Lymphocytes	25	20 - 40 %			
Absolute Lymphocytes	<u>775</u>	1000 - 3000 /μL			
Monocytes	<u>15</u>	2 - 10 %			
Absolute Monocytes	465	200 - 1000 /μL			
-	*#*				



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A.G Diagnostics Pvt. Ltd.

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# **Complete Blood Count Findings**

R.B.C. : Mild anisocytosis.

W.B.C. : Mild leucopenia, occasional reactive lymphocyte seen.

Platelets : Moderate reduction.

Remark : ON FOLLOW UP.

.SUGGESTED CLINICAL CORRELATION, B12, FOLIC ACID SUPPLEMENT & FOLLOW UP.

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Test Description	Observed	Biological Reference Interval
Liver Function Test:		
Bilirubin-Total, serum by Diazo method	<u>5.60</u>	0.10 - 1.20 mg/dL Neonates : Upto 15.0 mg/dL
Bilirubin-Conjugated, serum by Diazo method	3.60	Upto 0.5 mg/dL
Bilirubin-Unconjugated, serum by calculation	2.00	0.1 to 1.0 mg/dL
SGOT (AST), serum by Enzymatic method	37	>or= 14 years : 8 - 48 U/Lt
SGPT (ALT), serum by Enzymatic Method	32	7 to 55 U/Lt
Alkaline Phosphatase, serum by pNPP-kinetic	155	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	7.40	6.4 to 8.3 g/dL
Albumin, serum by Bromocresol green method	3.20	3.5 to 5.0 g/dL
Globulin, serum by calculation	4.20	2.3 - 3.5 g/dL
Kindly correlate clinically and follow up.	XX	



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REPORT

#### **GIRISH PRABHAKAR MALWADKAR**

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Observed Value Biological Reference Interval

**Test Description** 

Gamma Glutamyl Transferase (GGT)

Gamma GT(GGT), Serum by Carboxy substrate-kinetic

87.00

Male: (Unit: U/Lt.) 13 - 17 years: < 43 >or= 18 years: 8 - 61

## Kindly correlate clinically and follow up.

### 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 post prandial, by Hexokinase method 241

< 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 2023

# **Clinical Chemistry**

Creatinine, serum by Jaffe w/o deproteinization	0.83	0.6 to 1.2 mg/dL
Sodium, serum by ISE Indirect	<u>132.00</u>	136 to 145 mmol/Lt
Potassium, serum by ISE Indirect	4.30	3.50 to 5.10 mmol/Lt
Chloride, serum by ISE Indirect	98.00	98 to 107 mmol/Lt

# Coagulation

Prothrombin Time, Citrated Plasma - Patient value	<u>14.50</u>	10.00 - 12.70 Secs
Prothrombin time - Control value	11.30	Secs
INR Value	<u>1.30</u>	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.



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Dr. Awanti Golwilkar MBBS, MD (Pathology)



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**Test Description** 

**Coagulation:** 

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Observed Value Biological Reference Interval

**End of Report** 



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