

**KARIM SATTAR SHAIKH**  
**Male/60 Years**

Reg. Date : **26/09/2020**  
Lab. No **22173-18**  
Sample No  
\*8641\*

Ref. Dr.  
**Dr. KRUNAL RAMTEKE MD**  
**VIBRANT HOSPITAL VAP1**

## HEMATOLOGY REPORT

Test	Result	Unit	Ref. Range
<b>Haemoglobin:</b>	<b>12.3</b>	g/dL	13.0 - 17.0 g/dL
<b>Total Leucocyte Count:</b>	<b>16400</b>	X 10 <sup>3</sup> / $\mu$ L	4000 - 10000 /uL
<b>Differential Count</b>			
Neutrophils:	<b>91</b>	%	40-80
Eosinophils:	01	%	0-6.0
Basophils:	00	%	<2
Lymphocytes::	<b>06</b>	%	M: 20-40; F: 20-40
Monocytes:	02	%	0-10
Neutrophils Absolute Count:	15.07	X 10 <sup>3</sup> / $\mu$ L	2.0-7.0
Eosinophils Absolute Count:	0.00	X 10 <sup>3</sup> / $\mu$ L	0.02-0.50
Basophils Absolute Count:	0.02	X 10 <sup>3</sup> / $\mu$ L	0.02-0.10
Lymphocytes Absolute Count:	1.03	X 10 <sup>3</sup> / $\mu$ L	1.0-3.0
Monocytes Absolute Count:	0.28	X 10 <sup>3</sup> / $\mu$ L	2.0-1.0
<b>Total RBC Count:</b>	<b>4.44</b>	X 10 <sup>6</sup> / $\mu$ L	M: 4.5-5.5; F: 3.9-4.8
<b>Hematocrit (HCT):</b>	<b>36.5</b>	%	42 - 52 %
MCV:	82.3	fL	83 - 101
MCH:	27.6	pg	27-32
MCHC:	33.5	g/dL	31.5 - 34.5
RDW-SD:	<b>43.4</b>	fL	39 - 46
RDW-CV:	12.9	%	11.6 - 14.0
<b>Platelets Count:</b>	395000	/ $\mu$ L	150000 - 400000
Plateletcrit (PCT):	0.350	%	
Mean Platelet Volume	8.9	fL	
Malariaial Parasite	M.P. are not seen		

**Method:** Fully automated bidirectional interfaced analyser (6 Part Differential **SYSMEX XN-1000**).

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**Dr. Mehul SOLANKY**  
M.D.(Path & Bact)



IMMUNO-DIAGNOSTIC &amp; PATHOLOGY LABORATORY

Halar Road Cross Lane, Besides L.I.C. Bldg.  
Valsad-396 001. Ph.: (02632) 243280. Mo.: 99250 49280**KARIM SATTAR SHAIKH**  
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## C - REACTIVE PROTEIN TITRE

Test	Result	Unit	Ref. Range
CRP :	<b><u>37.22</u></b>	mg/L	Adult < 6.0 mg/L Newborn upto 3 weeks < 4.1 mg/L Infants & Children < 2.8 mg/L
Method	BY IMMUNOTURBIDOMETRIC METHOD.		

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## **D - DIMER**

<b>Test</b>	<b>Result</b>	<b>Unit</b>	<b>Ref. Range</b>
D - Dimer Level:	<b><u>1702.09</u></b>	ng/mL FEU	Up to 500 Fibrinogen Equivalent units

### INTERPRETATION

Method - Fluorescent Immunoassay on Minividas/Ichroma 2

Concentrations of approximately ng/mL or more are considered pathological.  
Increased levels of D-Dimer in plasma indicates that excessive amounts of fibrin have formed in the vascular tree. Through Activated Fibrinolytic system, fibrin is degraded by plasmin to various soluble fragments in which the D-Dimer configuration occurs.

Elevated levels are seen in.

- Deep vein thrombosis
- pulmonary embolism
- Disseminated intravascular coagulation (DIC) disorder.
- Evaluation of acute myocardial infarction and unstable angina.
- Presence of D - Dimer in pre eclampsia suggest a severe disease.

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## **I N T E R L E U K I N - 6**

<b><u>Test</u></b>	<b><u>Result</u></b>	<b><u>Unit</u></b>	<b><u>Normal Range</u></b>
Inter Leukin-6(IL-6):	4.3	pg/ml	0 to 7.0

### **Note & Interpretation**

\*InterLeukin-6 is a Pleiotropic helical glycosylated cytokine with wide range of functions.

\*Many different cells are capable of IL-6 synthesis, including Monocytes, macrophage, fibroblasts, endothelial cells, keratinocytes, mast cells, T cells and many Tumor cells.

\*IL-6 Concentrations in trauma patients may predict later complications from additional stress or indicate missed injuries or complications.

\*Sequential measurements in serum or plasma of ICU Patients is useful in evaluating the severity of Systemic Inflammatory Response Syndrome (**SIRS**), **Sepsis** and **Septic shock**.

\*IL-6 is also useful as an early alarm marker for detection of neonatal sepsis, acute phase response and regulation of metabolic processes.

Elevated IL-6 levels may occur in a variety of acute and chronic diseases associated with inflammation, such as sepsis, neoplastic disorder, autoimmune diseases, AIDS, Alcoholic Liver disease, and infections, or transplant rejection.

**Serum or EDTA/HEPARIN Plasma samples can be used to test IL-6.**

**Labile parameter, stable for 5 hours at 2- - 25 degree C, if serum is used, use fresh sample, separate immediately after clotting and if not processed immediately store at 2-8 degree C.**



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