

DRLOGY PATHOLOGY LAB

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Patient Details:

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Name: Amit Verma

Age: 46 Years

Sex: Male

PID: 101

Sample Collected At:

125, Shivam Bungalow,

SG Road, Mumbai

Referred By:

Dr. Hiren Shah

Investigation: Complete Blood Count (CBC)

Registered on: 02:31 PM, 22 Dec 2024

Collected on: 03:11 PM, 28 Nov 2024

Reported on: 04:35 PM, 29 Nov 2024

Test	Result	Reference Value	Unit	Interpretation
Hemoglobin (Hb)	11.8	13.0 - 17.0	g/dL	(Low)
RBC Count	4.2	4.5 - 5.9	million/cumm	(Low)
Packed Cell Volume (PCV)	36.0	40 - 50	%	(Low)
Mean Corpuscular Volume (MCV)	85	80 - 96	fL	(Normal)
Mean Corpuscular Hemoglobin (MCH)	27	27 - 32	pg	(Normal)
Mean Corpuscular Hemoglobin Conc. (MCHC)	33	32 - 36	g/dL	(Normal)
Red Cell Distribution Width (RDW)	14.5	11.5 - 14.5	%	(Borderline High)
WBC Count	11,500	4,000 - 11,000	/cumm	(High)

#### Differential Count:

Neutrophils	70	40 - 60	%	(High)
Lymphocytes	20	30 - 40	%	(Low)
Monocytes	7	2 - 8	%	(Normal)
Eosinophils	2	1 - 4	%	(Normal)
Basophils	1	0 - 1	%	(Normal)

Instrument: Fully automated cell counter - Mindray 300

#### Interpretation:

The CBC indicates mild anemia with low hemoglobin and RBC count. The elevated WBC count and neutrophil percentage suggest a possible underlying infection. Clinical correlation is recommended for further evaluation.

Medical Lab Technician: Dr. Payal Shah (OMLT BMLT)

Pathologist: Dr. Vimal Shah, MD

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