

# AI HematoLab

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105 -108, SMART VISION COMPLEX, HEALTHCARE ROAD, OPPOSITE HEALTHCARE COMPLEX. Damas - 689578

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Name: 12

Age: 12

Gender: Male

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Ref By: AI

Registered on: 02:31 PM 02 Dec, 2X

Collected on: 03:11 PM 02 Dec, 2X

Reported on: 04:35 PM 02 Dec, 2X

DIFFERENTIAL LEUCOCYTE COUNT				
Neutrophils	1.10?? Low	?? Low	50 - 62	%
Lymphocytes	43.96?? High	?? High	20 - 40	%
Eosinophils	3.30		0 - 6	%
Monocytes	51.65?? High	?? High	0 - 10	%
Basophils	0.00?? Low	?? Low	0 - 2	%

## Comments :

WBC stands for white blood cell, responsible for fighting infections.

## Recommendations :

- Results should be interpreted in the clinical context of the patient.
- Consult a specialist if any counts are outside the reference range.
- Consider repeating the test or additional investigations if abnormalities persist.

## Result :

- Neutrophils (Low): May indicate viral infection or immune suppression.
- Lymphocytes (High): May indicate chronic infection or inflammation.
- Monocytes (High): May indicate infection or inflammation.
- Basophils (Low): Usually clinically insignificant if slight.

## Low WBC Count Causes :

- Viral infections
- Chemotherapy or radiation therapy
- Autoimmune disorders
- Bone marrow disorders
- HIV/AIDS

## High WBC Count Causes :

- Infection - Bacterial, viral, or parasitic
- Leukemia
- Stress
- Smoking
- Allergies
- Trauma