



# Hematology Analysis Report

Pet: Brown Species: Dog Patient ID: 0000  
Client: Mr. Maha Gender: Male Sample No.: 0000  
Doctor: Dr.shimaa Ayman Age: 11Years Time of analysis: 6/19/2025 15:08

| Para.  | Result          | Ref. Ranges   | His. Results |
|--------|-----------------|---------------|--------------|
| WBC    | 42.90 $10^3/uL$ | 6.00 - 17.00  |              |
| Neu#   | 37.00 $10^3/uL$ | 3.62 - 12.30  |              |
| Lym#   | 3.06 $10^3/uL$  | 0.83 - 4.91   |              |
| Mon#   | 2.52 $10^3/uL$  | 0.14 - 1.97   |              |
| Eos#   | 0.31 $10^3/uL$  | 0.04 - 1.62   |              |
| Bas#   | 0.01 $10^3/uL$  | 0.00 - 0.12   |              |
| Neu%   | 86.3 %          | 52.0 - 81.0   |              |
| Lym%   | 7.2 %           | 12.0 - 33.0   |              |
| Mon%   | 5.8 %           | 2.0 - 13.0    |              |
| Eos%   | 0.7 %           | 0.5 - 10.0    |              |
| Bas%   | 0.0 %           | 0.0 - 1.3     |              |
| RBC    | 2.44 $10^6/uL$  | 5.10 - 8.50   |              |
| HGB    | 6.0 g/dL        | 11.0 - 19.0   |              |
| HCT    | 15.4 %          | 33.0 - 56.0   |              |
| MCV    | 62.9 fL         | 60.0 - 76.0   |              |
| MCH    | 24.5 pg         | 20.0 - 27.0   |              |
| MCHC   | 39.0 g/dL       | 30.0 - 38.0   |              |
| RDW-CV | 17.3 %          | 12.5 - 17.2   |              |
| RDW-SD | 40.8 fL         | 33.2 - 46.3   |              |
| PLT    | 33 $10^3/uL$    | 117 - 490     |              |
| MPV    | 5.4 fL          | 8.0 - 14.1    |              |
| PDW    | 16.0            | 12.0 - 17.5   |              |
| PCT    | 0.018 %         | 0.090 - 0.580 |              |

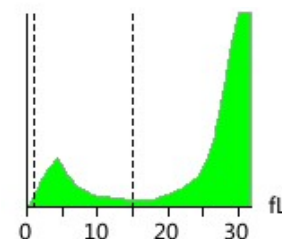
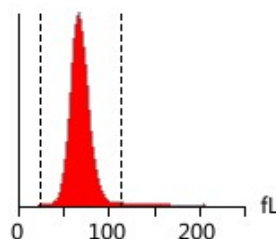
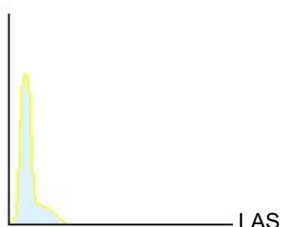
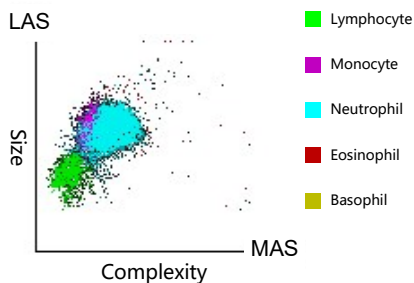
Operated by: Administrator

WBC Scattergram

WBC Histogram

RBC Histogram

PLT Histogram



Message:

Anemia  
Thrombocytopenia

Leucocytosis

Neutrophilia

The results only applies to this test sample.

Test Instrument: Mindray BC-5000 Vet

Time of Printing: 6/19/2025 16:11



Dr. Paws Hospital  
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# Hematology Analysis Report



|         |                 |          |         |                   |                 |
|---------|-----------------|----------|---------|-------------------|-----------------|
| Pet:    | Brown           | Species: | Dog     | Patient ID:       |                 |
| Client: | Mr. Maha        | Gender:  | Male    | Sample No.:       | 0000            |
| Doctor: | Dr.shimaa Ayman | Age:     | 11Years | Time of analysis: | 6/19/2025 15:08 |

## Report Explan.

### Anemia

It occurs in anemia caused by various reasons, such as insufficient hematopoietic materials, hematopoietic dysfunction, excessive destruction of RBC, or blood loss

### Leucocytosis

It occurs in bacterial infection, burn, post-operation, malignant tumor, leukemia, etc

### Neutrophilia

It occurs in stress response or corticosteroid response, inflammation, granulocytic leukemia, and immune-mediated diseases

### Thrombocytopenia

It occurs in pseudo-reduction caused by PLT clump, infection, hemorrhage, disseminated intravascular coagulation, immune-mediated diseases, drug treatment, and tuberculosis of bone marrow

Note: Due to the complexity and individuality of disease diagnosis, the report interpretation is only for your reference. Please consult your doctors for clinical diagnosis results.

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