

PUPPY Test report



| | | | | | |
|----------|-------|----------|--------|-------------|---------|
| Patient: | PUPPY | Species: | Canine | Patient ID: | 2506091 |
| Client: | WABAN | Gender: | Female | Age: | |

AI Aided Diag. Explan.

Please evaluate the severity of anemia based on clinical manifestations and medical history. It is recommended to add an RET test and a blood smear test to assess white blood cell and red blood cell morphology. At the same time, tests of liver and kidney panels, electrolytes, and protein level should be added to assess overall health status and potential metabolic abnormalities. If necessary, screening for infectious diseases such as feline leukemia virus, feline immunodeficiency virus, canine distemper virus, babesiosis, etc. should be carried out based on clinical symptoms and regional characteristics.

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.
The results only applies to this test sample.

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Hematology Analysis Report



| | | | | | |
|----------|-------|----------|--------|-------------------|------------------|
| Patient: | PUPPY | Species: | Canine | Patient ID: | 2506091 |
| Client: | WABAN | Gender: | Female | Sample No.: | 16 |
| Doctor: | | Age: | | Time of analysis: | 2025/06/09 10:24 |

| Para. | | Current result | | Ref. Ranges | |
|-----------|--------|----------------|--------------|-------------|--|
| WBC Para. | WBC | | 9.36 10^9/L | 6.00-17.00 | |
| | Neu# | L | 1.77 10^9/L | 3.20-12.30 | |
| | Lym# | H | 5.79 10^9/L | 0.80-5.30 | |
| | Mon# | H | 1.73 10^9/L | 0.00-1.50 | |
| | Eos# | | 0.07 10^9/L | 0.00-1.50 | |
| | Neu% | L | 0.189 | 0.430-0.850 | |
| | Lym% | H | 0.619 | 0.090-0.400 | |
| | Mon% | H | 0.185 | 0.000-0.100 | |
| | Eos% | | 0.007 | 0.000-0.100 | |
| RBC Para. | RBC | L | 1.00 10^12/L | 5.10-8.50 | |
| | HGB | L | 14 g/L | 110-195 | |
| | HCT | L | 0.048 | 0.325-0.580 | |
| | MCV | L | 48.4 fL | 60.0-76.0 | |
| | MCH | L | 13.7 pg | 20.0-27.0 | |
| | MCHC | L | 282 g/L | 300-380 | |
| | RDW-CV | H | 0.236 | 0.108-0.172 | |
| | RDW-SD | H | 46.5 fL | 29.1-46.3 | |
| PLT Para. | PLT | H | 643 10^9/L | 117-490 | |
| | MPV | | 14.0 fL | 7.6-14.1 | |
| | PDW | | 15.2 | 12.0-17.5 | |
| | PCT | H | 9.00 mL/L | 0.90-5.20 | |
| | P-LCC | H | 397 10^9/L | 25-148 | |
| | P-LCR | H | 0.618 | 0.115-0.550 | |

Operator:

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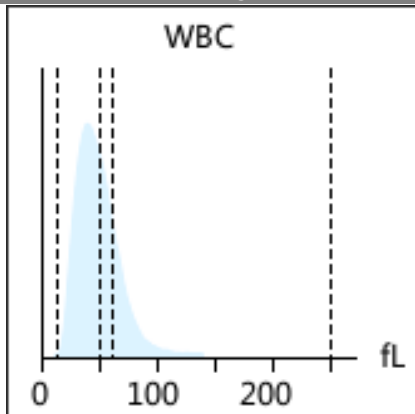


Hematology Analysis Report

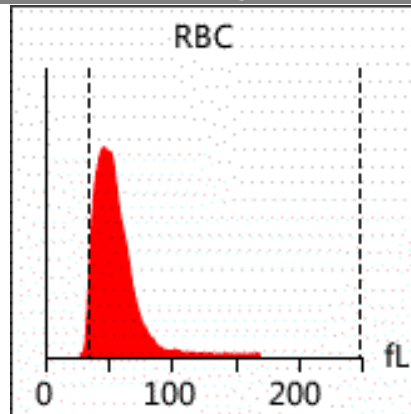


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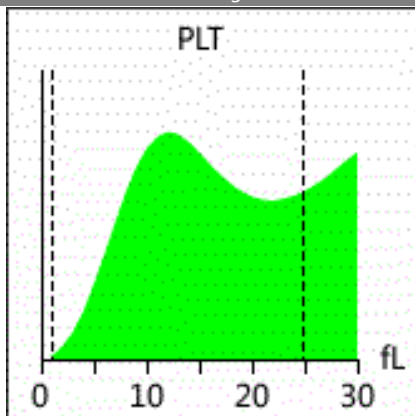
WBC Histogram



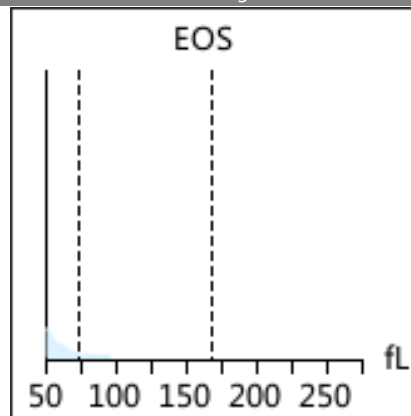
RBC Histogram



PLT Histogram



EOS Histogram



Diagnosis
implications:

Anemia

Microcytosis

Neutropenia

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

Microcytosis

It occurs in particular animal breed (such as Akita dog, Shar-Pei dog, and Shiba Inu), iron deficiency anemia, sideroblastic anemia, portal vein shunt, and hereditary erythropoiesis disorder (such as English Springer Spaniel)

Neutropenia

It occurs in particular animal breed (such as Australian shepherd and Labrador retriever), infection (such as parvovirus and ehrlichia), drug treatment (such as estrogen, phenylbutazone and phenobarbital), immune-mediated disease, myeloma (such as leukemia, lymphoma and histiocytic sarcoma), etc

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