

# THUNDER Test report



Patient:	THUNDER	Species:	Canine	Patient ID:	02042026002
Client:	PAHAYAC	Gender:	Male	Age:	

## AI Aided Diag. Explan.

It is recommended to add a blood smear test to evaluate white blood cell morphology, as well as tests of liver and kidney panels, electrolytes, protein level, and inflammatory markers (such as cCRP and fSAA) to assess overall health status or inflammation level, based on clinical manifestations and medical history. 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: THUNDER Species: Canine Patient ID: 02042026002  
 Client: PAHAYAC Gender: Male Sample No.: 04  
 Doctor: JUL ARDIELLE CORNELL Age: Time of analysis: 2026/02/04 13:23

Para.	Current result	Ref. Ranges	
<b>WBC</b> L	<b>1.79</b> 10 <sup>9</sup> /L	5.32-16.92	
<b>Neu#</b> L	<b>1.29</b> 10 <sup>9</sup> /L	3.05-12.10	
<b>Lym#</b> L	<b>0.28</b> 10 <sup>9</sup> /L	0.70-4.95	
<b>Mon#</b> L	<b>0.13</b> 10 <sup>9</sup> /L	0.20-1.38	
WBC Para.	<b>Eos#</b>	<b>0.05</b> 10 <sup>9</sup> /L	0.04-1.28
	<b>Bas#</b>	<b>0.04</b> 10 <sup>9</sup> /L	0.00-0.13
	<b>Neu%</b>	<b>0.723</b>	0.420-0.840
	<b>Lym%</b>	<b>0.155</b>	0.060-0.400
	<b>Mon%</b>	<b>0.070</b>	0.025-0.120
	<b>Eos%</b>	<b>0.027</b>	0.003-0.110
	<b>Bas%</b> H	<b>0.025</b>	0.000-0.010
	<b>RBC</b>	<b>6.05</b> 10 <sup>12</sup> /L	5.20-8.69
<b>HGB</b>	<b>124</b> g/L	115-201	
<b>HCT</b>	<b>0.384</b>	0.350-0.600	
RBC Para.	<b>MCV</b>	<b>63.4</b> fL	60.0-77.5
	<b>MCH</b>	<b>20.5</b> pg	20.0-27.0
	<b>MCHC</b>	<b>323</b> g/L	300-380
	<b>RDW-CV</b>	<b>0.181</b>	0.113-0.189
	<b>RDW-SD</b>	<b>43.6</b> fL	29.1-55.1
	<b>PLT</b> H	<b>689</b> 10 <sup>9</sup> /L	140-520
<b>MPV</b>	<b>10.5</b> fL	7.6-16.1	
PLT Para.	<b>PDW</b>	<b>15.4</b>	13.8-17.9
	<b>PCT</b> H	<b>7.23</b> mL/L	1.20-7.00
	<b>P-LCC</b> H	<b>183</b> 10 <sup>9</sup> /L	25-180
	<b>P-LCR</b>	<b>0.266</b>	0.100-0.570
	<b>IPF</b>	<b>1.5</b> %	0.4-17.1
RET Para.	<b>RET#</b>	<b>38.7</b> 10 <sup>9</sup> /L	9.0-115.0
	<b>RET%</b>	<b>0.64</b> %	0.16-1.95
	<b>IRF</b>	<b>6.9</b> %	0.0-45.1
	<b>LFR</b>	<b>93.1</b> %	56.0-100.0
	<b>MFR</b>	<b>6.9</b> %	0.0-26.0
	<b>HFR</b>	<b>0.0</b> %	0.0-22.0
	<b>RHE</b> L	<b>19.9</b> pg	20.0-28.3

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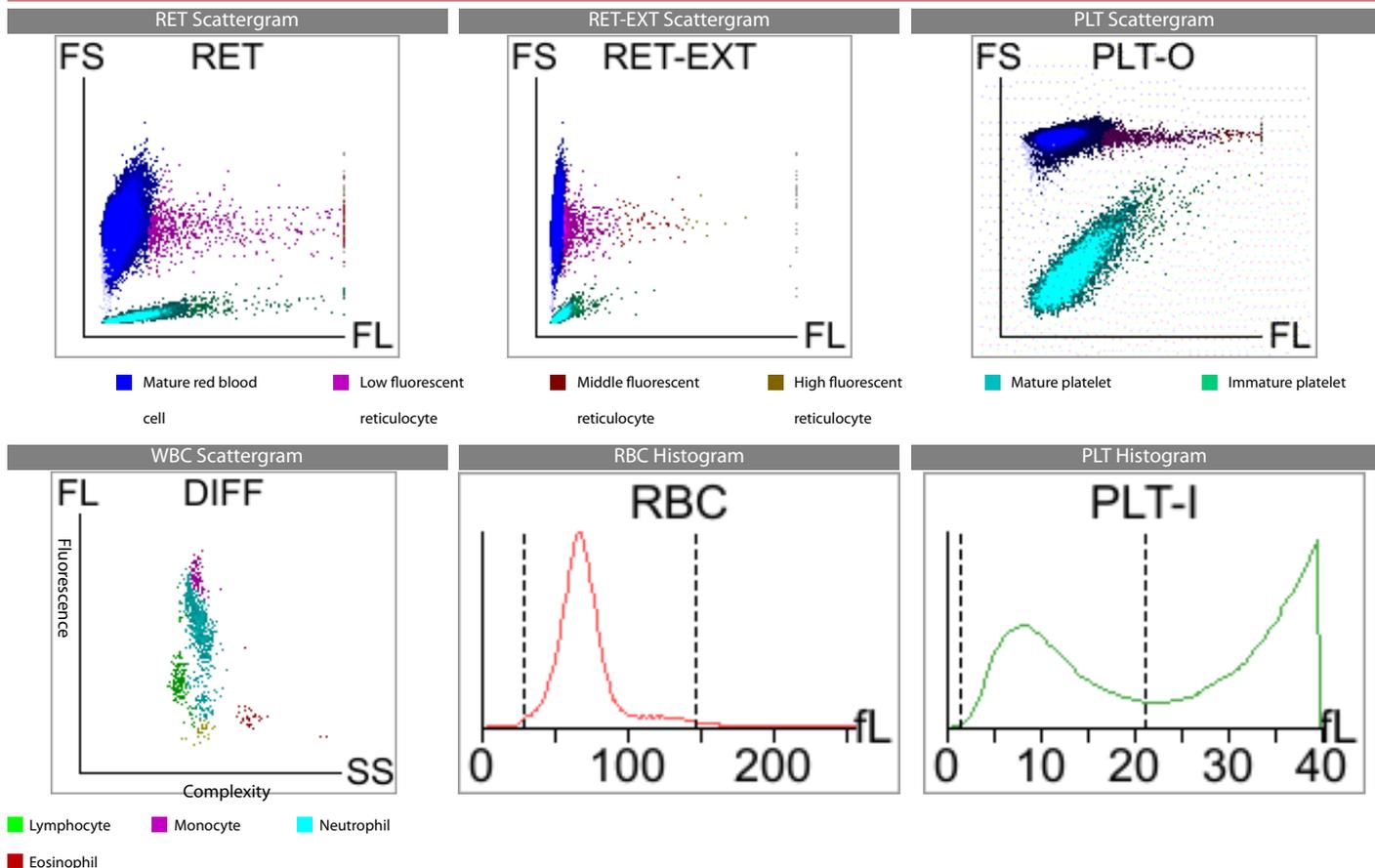
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# Hematology Analysis Report

Patient:	THUNDER	Species:	Canine	Patient ID:	02042026002
Client:	PAHAYAC	Gender:	Male	Sample No.:	04
Doctor:	JUL ARDIELLE CORNELL	Age:		Time of analysis:	2026/02/04 13:23

Operator:



## Diagnosis implications:

**Leukocytopenia**

**Neutropenia**

**Lymphopenia**

**Band cell suspected**

## Report Explan.

### Leukocytopenia

It occurs in virus infection, parasitic infection, aplastic anemia, agranulocytosis, etc

### 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

### Lymphopenia

It occurs in stress response or corticosteroid response, viral diseases (such as parvovirus), drug treatment (such as chemotherapy drugs and long-term use of corticosteroid), and lymphoid fluid loss (chylothorax and lymphangiectasia)

### Band cell suspected

Possible presence of band cells and/or toxic neutrophils, and it occurs in infection and inflammation

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: THUNDER Species: Feline Patient ID: 02042026002  
 Client: PAHAYAC Gender: Male Sample No.: 02  
 Doctor: JUL ARDIELLE CORNELL Age: Time of analysis: 2026/02/04 10:27

Para.	Current result	Ref. Ranges
<b>WBC</b> L	<b>1.63</b> 10 <sup>9</sup> /L	3.46-17.50
<b>Neu#</b> L	<b>1.13</b> 10 <sup>9</sup> /L	1.95-11.50
<b>Lym#</b> L	<b>0.24</b> 10 <sup>9</sup> /L	0.73-7.40
<b>Mon#</b>	<b>0.20</b> 10 <sup>9</sup> /L	0.06-0.98
<b>Eos#</b> L	<b>0.00</b> 10 <sup>9</sup> /L	0.04-1.48
<b>Bas#</b>	<b>0.05</b> 10 <sup>9</sup> /L	0.00-0.25
<b>Neu%</b>	<b>0.692</b>	0.300-0.835
<b>Lym%</b>	<b>0.148</b>	0.070-0.600
<b>Mon%</b> H	<b>0.125</b>	0.008-0.080
<b>Eos%</b> L	<b>0.003</b>	0.005-0.115
<b>Bas%</b> H	<b>0.032</b>	0.000-0.023
<b>RBC</b> L	<b>5.99</b> 10 <sup>12</sup> /L	6.30-11.82
<b>HGB</b>	<b>124</b> g/L	90-160
<b>HCT</b>	<b>0.329</b>	0.260-0.502
<b>MCV</b>	<b>54.9</b> fL	34.0-55.0
<b>MCH</b> H	<b>20.7</b> pg	11.0-18.0
<b>MCHC</b>	<b>377</b> g/L	285-384
<b>RDW-CV</b>	<b>0.180</b>	0.142-0.266
<b>RDW-SD</b>	<b>37.6</b> fL	22.0-39.6
<b>PLT</b> H	<b>596</b> 10 <sup>9</sup> /L	140-595
<b>MPV</b>	<b>10.5</b> fL	8.6-18.4
<b>PDW</b>	<b>15.4</b>	12.0-17.5
<b>PCT</b>	<b>6.25</b> mL/L	1.50-9.00
<b>IPF</b> L	<b>0.2</b> %	0.7-28.0
<b>RET#</b>	<b>6.6</b> 10 <sup>9</sup> /L	4.0-52.0
<b>RET%</b>	<b>0.11</b> %	0.05-0.90
<b>IRF</b>	<b>22.9</b> %	0.0-33.0
<b>LFR</b>	<b>77.1</b> %	66.0-100.0
<b>MFR</b>	<b>22.9</b> %	0.0-25.8
<b>HFR</b>	<b>0.0</b> %	0.0-8.5
<b>RHE</b>	<b>19.5</b> pg	14.2-21.5

Operator:

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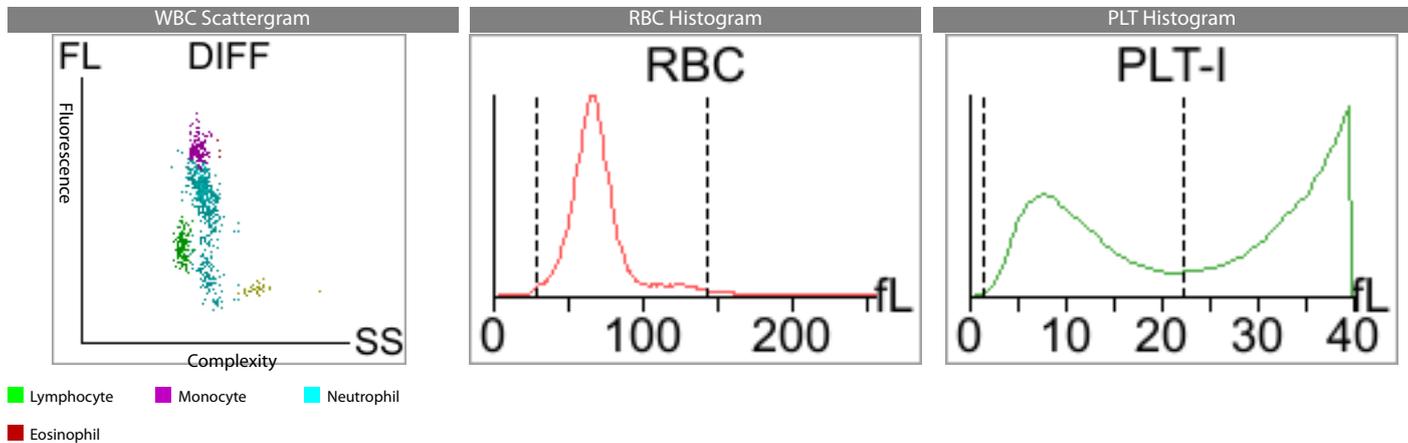
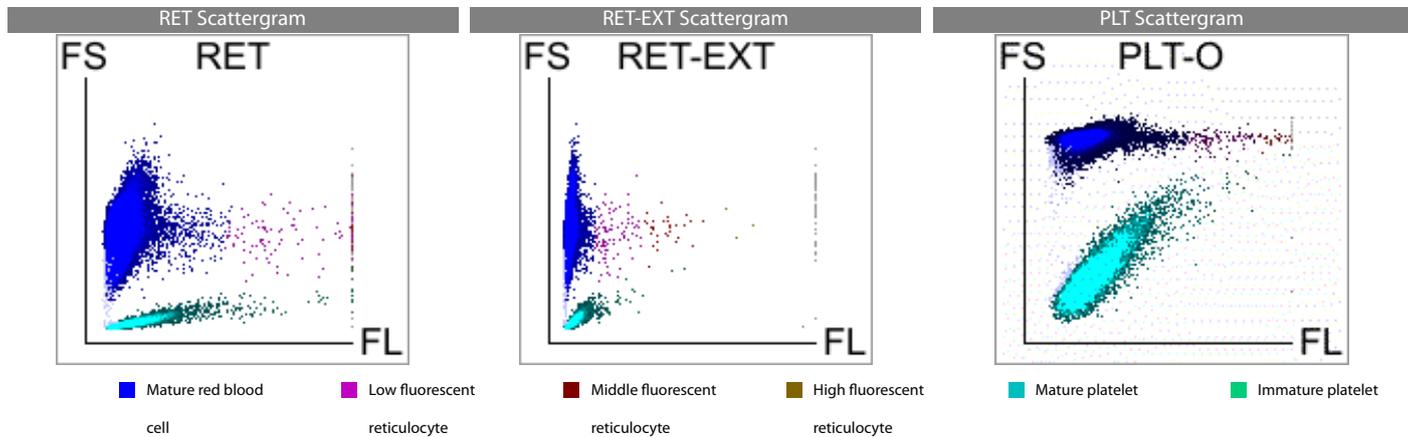
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# Hematology Analysis Report

Patient: THUNDER Species: Feline Patient ID: 02042026002  
 Client: PAHAYAC Gender: Male Sample No.: 02  
 Doctor: JUL ARDIELLE CORNELL Age: Time of analysis: 2026/02/04 10:27



### Diagnosis implications:

**Leukocytopenia**  
**Band cell suspected**

**Neutropenia**

**Lymphopenia**

## Report Explan.

### Leukocytopenia

It occurs in virus infection, parasitic infection, aplastic anemia, agranulocytosis, etc

### Neutropenia

It occurs in infections (such as parvovirus and ehrlichia), drug treatments (such as griseofulvin), immune-mediated disease, myeloma (such as leukemia, lymphoma, histiocytic sarcoma), etc

### Lymphopenia

It occurs in stress response or corticosteroid response, viral diseases (such as FIV and FeIV), drug treatment (such as chemotherapy drugs and long-term use of corticosteroid), and lymphoid fluid loss (chylothorax and lymphangiectasia)

### Band cell suspected

Possible presence of band cells and/or toxic neutrophils, and it occurs in infection and inflammation

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