

# Biochemistry test report



|          |           |          |        |                   |                  |
|----------|-----------|----------|--------|-------------------|------------------|
| Patient: | MARU      | Species: | Feline | Patient ID:       | 2510183          |
| Client:  | BARTOLOME | Gender:  | Male   | Sample No.:       | 03               |
| Doctor:  |           | Age:     |        | Time of analysis: | 2025/10/18 12:11 |

| Item                  |          | Current result |                      | Ref. Ranges  |  |
|-----------------------|----------|----------------|----------------------|--------------|--|
| Protein               | TP       | 74.9           | g/L                  | 56.5-88.5    |  |
| Protein               | ALB      | 33.1           | g/L                  | 22.0-40.0    |  |
| Protein               | GLOB     | 41.8           | g/L                  | 28.2-51.3    |  |
| Protein               | A/G      | 0.8            |                      |              |  |
| Liver and gallbladder | ALT      | ↑ 185.8        | U/L                  | 12.0-149.2   |  |
| Liver and gallbladder | AST      | ↑ 109.9        | U/L                  | 0.0-60.0     |  |
| Liver and gallbladder | AST/ALT  | 0.59           |                      |              |  |
| Liver and gallbladder | ALP      | 19.0           | U/L                  | 8.7-110.9    |  |
| Liver and gallbladder | GGT      | <2.0           | U/L                  | 0.0-8.2      |  |
| Liver and gallbladder | TBIL     | <1.70          | μmol/L               | 0.00-15.00   |  |
| Liver and gallbladder | TBA      | <1.0           | μmol/L               | 0.0-20.0     |  |
| Pancreas              | AMY      | 945.8          | U/L                  | 555.6-1940.0 |  |
| Kidneys               | BUN      | 6.30           | mmol/L               | 4.55-11.41   |  |
| Kidneys               | CREA     | 98.40          | μmol/L               | 28.00-180.00 |  |
| Kidneys               | BUN/CREA | 15.8           |                      |              |  |
| Cardiovasc./Muscle    | CK       | 98.9           | U/L                  | 66.1-530.9   |  |
| Cardiovasc./Muscle    | LDH      | 61.2           | U/L                  | 0.0-334.2    |  |
| Energy metabolism     | GLU      | ↑ 9.97         | mmol/L               | 3.39-8.39    |  |
| Energy metabolism     | TC       | 2.58           | mmol/L               | 1.87-5.84    |  |
| Energy metabolism     | TG       | 0.62           | mmol/L               | 0.10-1.30    |  |
| Minerals              | Ca       | 2.32           | mmol/L               | 2.10-2.79    |  |
| Minerals              | PHOS     | 1.47           | mmol/L               | 0.80-2.72    |  |
| Minerals              | CaxP     | 3.41           | mmol/L <sup>^2</sup> |              |  |
| Minerals              | Mg       | 0.75           | mmol/L               | 0.66-1.22    |  |
| Electrolytes          | Na+      | 144.5          | mmol/L               | 141.0-166.0  |  |
| Electrolytes          | K+       | 3.7            | mmol/L               | 3.5-5.9      |  |
| Electrolytes          | Na/K     | 39.1           |                      |              |  |
| Electrolytes          | Cl-      | 118.8          | mmol/L               | 104.4-129.0  |  |

Operator:

## Comprehensive Diagnosis Panel

QC QC OK

|                        |   |                      |   |                       |   |
|------------------------|---|----------------------|---|-----------------------|---|
| HEM(Hemolysis degree): | 0 | LIP(Lipemia degree): | 0 | ICT(Jaundice degree): | 0 |
|------------------------|---|----------------------|---|-----------------------|---|

The results only applies to this test sample.

Test Instrument:Mindray vetXpert C5

Time of Printing:2025-11-08 15:00:43



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## Report Explan.

**ALT**



Increase is commonly associated with liver injury and muscle injury, etc.

**AST**



Increase is commonly associated with liver injury and muscle injury, etc.

**GLU**



Increase is commonly associated with diabetes and hypercorticism, etc. Reduction is commonly associated with insulin administration, malnutrition, and insulinoma, etc.

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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# Hematology Analysis Report



|          |                      |          |        |                   |                  |
|----------|----------------------|----------|--------|-------------------|------------------|
| Patient: | MARU                 | Species: | Feline | Patient ID:       | 2510183          |
| Client:  | BARTOLOME            | Gender:  | Male   | Sample No.:       | 03               |
| Doctor:  | DEXTER DALE M. ZACAL | Age:     |        | Time of analysis: | 2025/10/18 11:50 |

| Para.     |        | Current result |                     | Ref. Ranges |  |
|-----------|--------|----------------|---------------------|-------------|--|
| WBC Para. | WBC    | 8.32           | 10 <sup>9</sup> /L  | 3.46-17.50  |  |
|           | Neu#   | 7.07           | 10 <sup>9</sup> /L  | 1.95-11.50  |  |
|           | Lym#   | 0.73           | 10 <sup>9</sup> /L  | 0.73-7.40   |  |
|           | Mon#   | 0.42           | 10 <sup>9</sup> /L  | 0.06-0.98   |  |
|           | Eos#   | 0.08           | 10 <sup>9</sup> /L  | 0.04-1.48   |  |
|           | Bas#   | 0.01           | 10 <sup>9</sup> /L  | 0.00-0.25   |  |
|           | Neu%   | H 0.850        |                     | 0.300-0.835 |  |
|           | Lym%   | 0.088          |                     | 0.070-0.600 |  |
|           | Mon%   | 0.051          |                     | 0.008-0.080 |  |
|           | Eos%   | 0.010          |                     | 0.005-0.115 |  |
|           | Bas%   | 0.001          |                     | 0.000-0.023 |  |
| RBC Para. | RBC    | 11.58          | 10 <sup>12</sup> /L | 6.30-11.82  |  |
|           | HGB    | H 170          | g/L                 | 90-160      |  |
|           | HCT    | 0.477          |                     | 0.260-0.502 |  |
|           | MCV    | 41.2           | fL                  | 34.0-55.0   |  |
|           | MCH    | 14.6           | pg                  | 11.0-18.0   |  |
|           | MCHC   | 356            | g/L                 | 285-384     |  |
|           | RDW-CV | 0.161          |                     | 0.142-0.266 |  |
|           | RDW-SD | 24.2           | fL                  | 22.0-39.6   |  |
| PLT Para. | PLT    | 226            | 10 <sup>9</sup> /L  | 140-595     |  |
|           | MPV    | 9.5            | fL                  | 8.6-18.4    |  |
|           | PDW    | 14.1           |                     | 12.0-17.5   |  |
|           | PCT    | 2.15           | mL/L                | 1.50-9.00   |  |
|           | IPF    | 3.1            | %                   | 0.7-28.0    |  |
| RET Para. | RET#   | 10.4           | 10 <sup>9</sup> /L  | 4.0-52.0    |  |
|           | RET%   | 0.09           | %                   | 0.05-0.90   |  |
|           | IRF    | 6.8            | %                   | 0.0-33.0    |  |
|           | LFR    | 93.2           | %                   | 66.0-100.0  |  |
|           | MFR    | 6.8            | %                   | 0.0-25.8    |  |
|           | HFR    | 0.0            | %                   | 0.0-8.5     |  |
|           | RHE    | 16.1           | pg                  | 14.2-21.5   |  |

Operator:

The results only applies to this test sample. Test Instrument: Mindray BC-60R Vet Time of Printing: 2025-11-08 15:00:46



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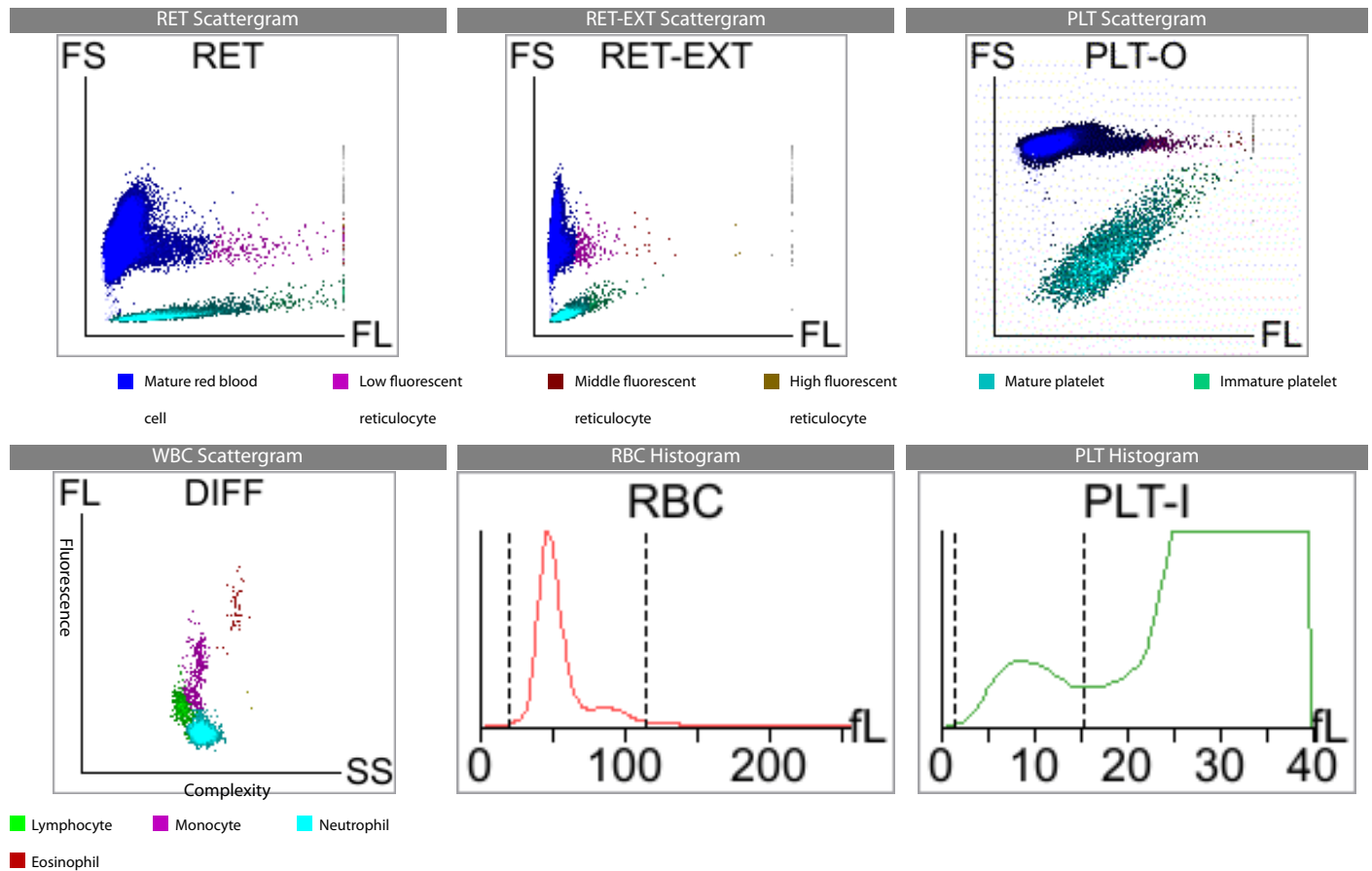
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# Hematology Analysis Report

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| Doctor:  | DEXTER DALE M. ZACAL | Age:     |        | Time of analysis: | 2025/10/18 11:50 |



**Diagnosis implications:**

**No obvious abnormality is found. Regular physical examination is recommended**

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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