

# Immunoassay test report



|          |          |          |        |                   |                  |
|----------|----------|----------|--------|-------------------|------------------|
| Patient: | Muffin   | Species: | Feline | Patient ID:       | 260807001        |
| Client:  | Niki Sua | Gender:  | Female | Sample No.:       | 0000001          |
| Doctor:  |          | Age:     | 5Y     | Time of analysis: | 2026/08/07 10:06 |

| Lab item | Current result |      | Ref. Ranges    |  |
|----------|----------------|------|----------------|--|
| fSDMA    | ↑              | 18.6 | μg/dL 0.0-14.0 |  |

Operator:

## Report Explan.

fSDMA

Result indications:

<14.0 ug/dL Normal

14.0-20.0 ug/dL Suspected

>20.0 ug/dL Abnormal

Clinical significance:

fSDMA is an early biomarker of progressive kidney injury, and an increase may indicate impaired renal function.

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.

Test Instrument: Mindray vetXpert I3

Time of Printing: 2026-08-07 11:21:27



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# Biochemistry test report



|          |          |          |        |                   |                  |
|----------|----------|----------|--------|-------------------|------------------|
| Patient: | Muffin   | Species: | Feline | Patient ID:       | 260807001        |
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| Item                  |          | Current result |                       | Ref. Ranges  |  |
|-----------------------|----------|----------------|-----------------------|--------------|--|
| Protein               | TP       | 8.62           | g/dL                  | 5.65-8.85    |  |
| Protein               | ALB      | ↓ 2.09         | g/dL                  | 2.20-4.00    |  |
| Protein               | GLOB     | ↑ 6.53         | g/dL                  | 2.82-5.58    |  |
| Protein               | A/G      | 0.3            |                       |              |  |
| Liver and gallbladder | ALT      | 52.8           | U/L                   | 12.0-149.2   |  |
| Liver and gallbladder | AST      | ↑ 88.2         | U/L                   | 0.0-60.0     |  |
| Liver and gallbladder | AST/ALT  | 1.67           |                       |              |  |
| Liver and gallbladder | ALP      | 13.3           | U/L                   | 8.7-110.9    |  |
| Liver and gallbladder | GGT      | <2.0           | U/L                   | 0.0-8.2      |  |
| Liver and gallbladder | TBIL     | ↑ 1.93         | mg/dL                 | 0.00-0.88    |  |
| Liver and gallbladder | TBA      | 6.5            | μmol/L                | 0.0-20.0     |  |
| Pancreas              | AMY      | 1629.0         | U/L                   | 555.6-1940.0 |  |
| Pancreas              | LIPA-D   | 17.8           | U/L                   | 0.0-20.0     |  |
| Kidneys               | BUN      | 18.68          | mg/dL                 | 12.79-32.06  |  |
| Kidneys               | CREA     | ↓ 0.26         | mg/dL                 | 0.32-2.03    |  |
| Kidneys               | BUN/CREA | 72.1           |                       |              |  |
| Cardiovasc./Muscle    | CK       | 163.0          | U/L                   | 66.1-530.9   |  |
| Cardiovasc./Muscle    | LDH      | 156.3          | U/L                   | 0.0-334.2    |  |
| Energy metabolism     | GLU      | 94.1           | mg/dL                 | 61.1-151.2   |  |
| Energy metabolism     | TC       | 195.8          | mg/dL                 | 72.3-225.8   |  |
| Energy metabolism     | TG       | 78.4           | mg/dL                 | 8.9-115.1    |  |
| Minerals              | Ca       | ↓ 8.38         | mg/dL                 | 8.40-11.16   |  |
| Minerals              | PHOS     | 5.37           | mg/dL                 | 2.48-8.42    |  |
| Minerals              | CaxP     | 3.63           | (mmol/L) <sup>2</sup> |              |  |
| Minerals              | Mg       | 1.93           | mg/dL                 | 1.60-2.96    |  |
| Electrolytes          | Na+      | 141.3          | mmol/L                | 141.0-166.0  |  |
| Electrolytes          | K+       | ↓ 2.8          | mmol/L                | 3.5-5.9      |  |
| Electrolytes          | Na/K     | 50.0           |                       |              |  |
| Electrolytes          | Cl-      | 114.6          | mmol/L                | 102.4-129.0  |  |

LIPA-D: 0.0-20.0 U/L Negative 20.0-30.0 U/L Suspected >30.0 U/L Positive

Operator:

| Comprehensive Diagnosis Panel |   |                      | QC QC OK |                          |
|-------------------------------|---|----------------------|----------|--------------------------|
| HEM(Hemolysis degree):        | 0 | LIP(Lipemia degree): | 0        | ICT(Jaundice degree): 1+ |

The results only applies to this test sample.

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## Report Explan.

ALB



Increase is commonly associated with dehydration and corticosteroid administration, etc. Reduction is commonly associated with excessive infusion, malnutrition, hepatic insufficiency or failure, nephropathy, and protein-losing enteropathy.

GLOB



Increase is commonly associated with chronic inflammation and infection, and hyperimmunity, etc. Reduction is commonly associated with insufficient protein intake, anemia, and immunodeficiency.

AST



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

TBIL



Increase is commonly associated with hemolysis and hepatobiliary dysfunction. Reduction is commonly associated with decreased erythropoiesis, etc.

CREA



Increase is commonly associated with nephropathy, etc. Reduction is commonly associated with malnutrition and muscular atrophy, etc.

Ca



Increase is commonly associated with hypoadrenocorticism, lymphoma, and nephropathy, etc. Reduction is commonly associated with low calcium diet, hypoalbuminemia, nephropathy, and vitamin D deficiency, etc.

K+



Increase is commonly associated with high potassium fluid replacement, diabetes, adrenocortical hypofunction, and acute kidney injury, etc. Reduction is commonly associated with low potassium or potassium-free fluid replacement, vomiting, diarrhea, and hypercorticism, etc.

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