



### Summary

We didn't detect any known genetic health predispositions in Rumba's DNA.

49

Clear

0

Notable

0

At Risk

We've tested Rumba's DNA against a comprehensive panel of cat genetic health checks so you can rest easier.

### Some things to keep in mind:

Our ability to report on risks affecting your cat is only as advanced as the science — which is ever progressing. Make sure to check back again every now and then to find out if new discoveries could help inform you about your cat's health.

Also, genetics is only one factor in a cat's health, so be sure to give your cat a healthy diet and plenty of activity.

### Medical Complications

Rumba is all clear for 5 genetic conditions that could impact her early vet visits.

We worked with veterinarians to develop tests for conditions that most affect early care, such as drug sensitivity, immune deficiency, and bleeding disorders.

Here are some conditions common in cats with Rumba's breed makeup:

Clear

### Factor XII Deficiency (Variant 2)

Factor XII Deficiency, also known as Hageman trait, is an asymptomatic blood factor deficiency. While it does not cause an abnormal tendency to bleed, it can be observed as prolonged blood clotting times during certain laboratory screening tests.

Found in breeds including:

Maine Coon

Clear

### MDR1 Medication Sensitivity

MDR1 Medication Sensitivity is a disorder caused by a defect to a drug pumping protein that plays an important role in limiting drug absorption and distribution (particularly to the brain). Cats with the MDR1 variant may have severe adverse reactions to some commonly used medications.

Found in breeds including:

Maine Coon

Clear

### Factor XII Deficiency (Variant 1)

Factor XII Deficiency, also known as Hageman trait, is an asymptomatic blood factor deficiency. While it does not cause an abnormal tendency to bleed, it can be observed as prolonged blood clotting times during certain laboratory screening tests.

Found in breeds including:

Maine Coon

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In collaboration with



### Health Risks

We performed an additional 44 tests for genetic health risks — Rumba is all clear here too!

We've spent over a decade researching genetic conditions in pets, and partnered with other leaders in the field, to develop a comprehensive panel of cat genetic health tests.

Here are some health risks common in cats with Rumba's breed makeup:

Clear

#### Polycystic Kidney Disease (PKD)

Polycystic Kidney Disease (PKD) is the most common inherited disease in cats. The disease causes the formation of fluid-filled cysts in the kidneys that can lead to kidney failure.

Found in breeds including:

Maine Coon

Clear

#### Cystinuria Type B (Variant 3)

Cystinuria is a condition that predisposes cats to form cystine crystals and stones within the urinary tract, which can then cause irritation and blockage.

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Found in breeds including:

Maine Coon

Clear

## Pyruvate Kinase Deficiency

Pyruvate Kinase (PK) Deficiency is a disorder that causes anemia due to the breakdown of red blood cells.

Found in breeds including:

Maine Coon

### Carrier Status

If you're considering breeding Rumba, good news: we did not detect any concerning genetic variants.

Please note, although Rumba is clear for the genetic variants we tested, it is possible that she is a carrier/at risk for genetic variants not included in this test, which could be passed on to her offspring.

In addition to genetic disorders, individual blood types should be taken into consideration between cat breeding pairs. Please refer to [Feline Blood Type](#) within Rumba's report for more information.



**There are many responsibilities to consider when breeding cats. Regardless of test results it is important that your cat is in good general health and that you are in a position to care for the kittens if new responsible owners are not found. For first time or novice breeders, advice can be found at most cat registry websites.**

## All Tests

Learn about the 49 tests we performed on Rumba's DNA.

[View All 49 Health Tests](#)



## Blood Type

Rumba's blood type is:

A

## Genotype:

A/A

## Transfusion Risk:

Moderate ▼

Rumba has the most common blood type. She can be transfused with Type A blood.

## Breeding Risk:

Low ▼

If breeding, Rumba has a low risk of blood type incompatibility with nursing kittens.

[Hide Genetic Details ▼](#)

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<b>b variant 1</b> (Common b variant)	0 copies
<b>b variant 2</b> (Discovered in Turkish breeds)	0 copies
<b>b variant 3</b> (Discovered in Ragdolls)	0 copies
<b>c variant - Causes AB Blood Type</b> (Discovered in Ragdolls)	0 copies

About Feline Blood Types

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