

PK DEFICIENCY TEST REPORT

Provided Information: Name: EMBER Registration: 042124 036	Case: CAT153953 Date Received: 01-Jul-2025 Report Issue Date: 08-Jul-2025 Report ID: 2569-1510-6472-6124 Verify report at vgl.ucdavis.edu/verify
DOB: 04/21/2024 Sex: Female Breed: British Shorthair	

PYRUVATE KINASE DEFICIENCY RESULT

N/N

Interpretation

- N/N No copies of PK deficiency, cat is normal
- N/K 1 copy of PK deficiency, cat is normal but is a carrier
- K/K 2 copies of PK deficiency, cat is or will be affected. Severity of symptoms cannot be predicted*

PK DEFICIENCY TEST REPORT

<p><i>Client/Owner/Agent Information:</i> MINHAO LI</p>	<p>Case: CAT153953 <i>Date Received:</i> 01-Jul-2025 <i>Report Issue Date:</i> 08-Jul-2025 <i>Report ID:</i> 2569-1510-6472-6124</p> <p style="text-align: right;">Verify report at vgl.ucdavis.edu/verify</p>
<p><i>Name:</i> EMBER</p>	

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on PK Deficiency test results, please visit our website at:
vgl.ucdavis.edu/test/pk-deficiency-cat

Erythrocyte Pyruvate Kinase Deficiency (PK deficiency) is an inherited, autosomal recessive, hemolytic anemia. Breedings between carriers will be expected to produce 25% affected kittens. Go to our website for a list of breeds at risk of PK deficiency due to a significant frequency of the mutation.

For terms and conditions of testing, please see vgl.ucdavis.edu/about/terms-and-conditions

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616
vgl.ucdavis.edu · (530) 752-2211



RAGDOLL HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

<p><i>Provided Information:</i></p> <p><i>Name:</i> EMBER</p> <p><i>Registration:</i> 042124 036</p>	<p><i>Case:</i> CAT153953</p> <p><i>Date Received:</i> 01-Jul-2025</p> <p><i>Report Issue Date:</i> 08-Jul-2025</p> <p><i>Report ID:</i> 0822-5971-1970-7180</p> <p style="text-align: center; font-size: small;">Verify report at vgl.ucdavis.edu/verify</p>
<p><i>DOB:</i> 04/21/2024 <i>Sex:</i> Female <i>Breed:</i> British Shorthair</p>	

Ragdoll HCM Result

N/N

Interpretation

N/N	Normal, cat does not have the Ragdoll HCM mutation.
N/HCMrd	1 copy of the Ragdoll HCM mutation present.
HCMrd/HCMrd	2 copies of the Ragdoll HCM mutation present; cat is at high risk for HCM.

RAGDOLL HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

<i>Client/Owner/Agent Information:</i> MINHAO LI	<table style="width: 100%; border: none;"> <tr> <td style="padding: 2px 5px;"><i>Case:</i></td> <td style="padding: 2px 5px;">CAT153953</td> </tr> <tr> <td style="padding: 2px 5px;"><i>Date Received:</i></td> <td style="padding: 2px 5px;">01-Jul-2025</td> </tr> <tr> <td style="padding: 2px 5px;"><i>Report Issue Date:</i></td> <td style="padding: 2px 5px;">08-Jul-2025</td> </tr> <tr> <td style="padding: 2px 5px;"><i>Report ID:</i></td> <td style="padding: 2px 5px;">0822-5971-1970-7180</td> </tr> </table> <p style="text-align: right; font-size: small; margin-top: 5px;">Verify report at vgl.ucdavis.edu/verify</p>	<i>Case:</i>	CAT153953	<i>Date Received:</i>	01-Jul-2025	<i>Report Issue Date:</i>	08-Jul-2025	<i>Report ID:</i>	0822-5971-1970-7180
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Additional Information

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For more detailed information on Ragdoll HCM test results, please visit our website at: vgl.ucdavis.edu/test/ragdoll-hcm

Note: This test only detects the R820W mutation associated with HCM in Ragdoll cats and outcrosses as described by Meurs et al. 2007

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