UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PK DEFICIENCY TEST REPORT

Provided Information:	***Case:*** **CAT156679**
Name: **UZI**	***Date Received:*** 06-Apr-2026
Registration:	***Report Issue Date:*** 13-Apr-2026
	Report ID: 1715-2870-5275-4135
	Verify report at vgl.ucdavis.edu/verify
DOB: *Sex:* **Female** *Breed:* **Maine Coon**	

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*

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

PK DEFICIENCY TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT156679**
MINHAO LI	***Date Received:*** 06-Apr-2026
	Report Issue Date: 13-Apr-2026
	Report ID: 1715-2870-5275-4135
	Verify report at vgl.ucdavis.edu/verify

Name: **UZI**

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

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

Provided Information:	***Case:*** **CAT156679**
Name: **UZI**	***Date Received:*** 06-Apr-2026
Registration:	***Report Issue Date:*** 13-Apr-2026
	Report ID: 5163-5061-9463-5091
	Verify report at vgl.ucdavis.edu/verify
DOB: *Sex:* **Female** *Breed:* **Maine Coon**	

Maine Coon HCM Result

N/N

Interpretation

N/N	Normal.
N/HCMmc	One copy of the A31P mutation is present. Cat is 1.8 times more likely to develop HCM than cats without the mutation.
HCMmc/HCMmc	Two copies of the A31P mutation are present. Cat is 18 times more likely to develop HCM than cats without the mutation.

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON HCM (HYPERTROPHIC CARDIOMYOPATHY) TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT156679**
MINHAO LI	***Date Received:*** 06-Apr-2026
	Report Issue Date: 13-Apr-2026
	Report ID: 5163-5061-9463-5091
	Verify report at vgl.ucdavis.edu/verify
Name: **UZI**	

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 Maine Coon HCM test results, please visit our website at:
vgl.ucdavis.edu/test/maine-coon-hcm

The MHCM test only detects the A31P mutation associated with HCM in Maine Coon cats and outcrosses as described by Meurs et al. 2005. The A31P mutation is not the sole cause of HCM in Maine Coons. The other causes are not known at this time.

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

ANAB ANSI National Accreditation Board ACCREDITED ISO/IEC 17025 TESTING LABORATORY

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

Provided Information:	***Case:*** **CAT156679**
Name: **UZI**	***Date Received:*** 06-Apr-2026
Registration:	***Report Issue Date:*** 13-Apr-2026
	Report ID: 3663-4326-5229-7151
	Verify report at vgl.ucdavis.edu/verify

DOB: *Sex:* **Female** *Breed:* **Maine Coon**

SMA Result

N/N

Interpretation

N/N	No copies of SMA are present.
N/S	1 copy of SMA is present. Cat is normal but is a carrier. Breedings between carriers will be expected to produce 25% affected, 50% carriers and 25% normal kittens.
S/S	2 copies of SMA are present, cat is affected.

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

MAINE COON SPINAL MUSCULAR ATROPHY TEST REPORT

Client/Owner/Agent Information:	*Case:* **CAT156679**
MINHAO LI	***Date Received:*** 06-Apr-2026
	Report Issue Date: 13-Apr-2026
	Report ID: 3663-4326-5229-7151
	Verify report at vgl.ucdavis.edu/verify

Name: **UZI**

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 SMA test results, please visit our website at:
vgl.ucdavis.edu/test/maine-coon-sma

The SMA test is specific for the mutation associated with SMA in Maine Coon cats and outcrosses.

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