

G6-SULFATASE DEFICIENCY GENETIC TEST REPORT

Provided Information: <i>Name:</i> EVELAND FARM'S MILLIE <i>Registration:</i> MN13424 CE/N1	Case: MDG1008 <i>Date Received:</i> 28-Nov-2022 <i>Report Issue Date:</i> 06-Dec-2022 <i>Report ID:</i> 8534-7974-0432-0080 Verify report at www.vgl.ucdavis.edu/verify
<i>DOB:</i> 02/17/2021 <i>Sex:</i> Female <i>Breed:</i> Nubian, Miniature	

G6-Sulfatase Deficiency Result

N/N

Interpretation

- N/N Normal - Goat does not have G6S mutation.
- N/G Carrier - Goat has one copy of G6S mutation, but is unaffected.
- G/G Affected - Goat has two copies of G6S mutation.

G6-SULFATASE DEFICIENCY GENETIC TEST REPORT

Client/Owner/Agent Information: JENNIFER HAVEN 4485L JENNIFER@HAVENS-FARM.COM (541) 640-9147	Case: MDG1008 Date Received: 28-Nov-2022 Report Issue Date: 06-Dec-2022 Report ID: 8534-7974-0432-0080 Verify report at www.vgl.ucdavis.edu/verify
Name: EVELAND FARM'S MILLIE	

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 G6S test results, please visit our website at:
www.vgl.ucdavis.edu/test/g6-s-goat

For terms and conditions of testing, please see www.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

ALPHA-S1 CASEIN GENETIC TEST REPORT

Provided Information:	Case: MDG1008
Name: EVELAND FARM'S MILLIE	Date Received: 28-Nov-2022
Registration: MN13424 CE/N1	Report Issue Date: 06-Dec-2022
	Report ID: 3625-5363-7559-9055
	Verify report at www.vgl.ucdavis.edu/verify
DOB: 02/17/2021 Sex: Female Breed: Nubian, Miniature	

ALPHA-s1 CASEIN RESULT

B/B

Interpretation

A and **B** variants, are associated with a high content of alpha-s1 casein in milk. *

E, **F** and **N** variants, are associated with a lower content of alpha-s1 casein in milk.

O1 represents a non-functional variant ("null") that is associated with lack of alpha-s1 casein production.

Any combination of "high" variants will produce high amounts of alpha-s1 casein.

Any combination of "high" and "low" variants, or "high" and "null" variants, will produce intermediate amounts of alpha-s1 casein.

Any combination of "low" variants, with or without "null" will produce low amounts of alpha-s1 casein. Goats with two copies of the O1 "null" variant will not produce alpha-s1 casein protein.

* This test is not designed to detect subvariants of **A** and **B**.

ALPHA-S1 CASEIN GENETIC TEST REPORT

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<p><i>Name:</i> EVELAND FARM'S MILLIE</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 Alpha Casein test results, please visit our website at: www.vgl.ucdavis.edu/test/alpha-s1-casein

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

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GOAT SCRAPIE SUSCEPTIBILITY TEST REPORT

<i>Provided Information:</i>	<i>Case:</i> MDG1008
<i>Name:</i> EVELAND FARM'S MILLIE	<i>Date Received:</i> 28-Nov-2022
<i>Registration:</i> MN13424 CE/N1	<i>Report Issue Date:</i> 06-Dec-2022
	<i>Report ID:</i> 1743-7444-0171-9113
Verify report at www.vgl.ucdavis.edu/verify	
<i>DOB:</i> 02/17/2021 <i>Sex:</i> Female <i>Breed:</i> Nubian, Miniature	

GOAT SCRAPIE SUSCEPTIBILITY RESULT

146	222
NS	QQ

Interpretation

One copy of S146 protective variant. Increased resistance to classical scrapie.

GOAT SCRAPIE SUSCEPTIBILITY TEST REPORT

<p><i>Client/Owner/Agent Information:</i> JENNIFER HAVEN 4485L JENNIFER@HAVENS-FARM.COM (541) 640-9147</p>	<p>Case: MDG1008 <i>Date Received:</i> 28-Nov-2022 <i>Report Issue Date:</i> 06-Dec-2022 <i>Report ID:</i> 1743-7444-0171-9113</p> <p>Verify report at www.vgl.ucdavis.edu/verify</p>
<p><i>Name:</i> EVELAND FARM'S MILLIE</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 Scrapie test results, please visit our website at:
www.vgl.ucdavis.edu/test/goat-scrapie-susceptibility

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

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