



VETERINARY GENETICS LABORATORY
 SCHOOL OF VETERINARY MEDICINE
 ONE SHIELDS AVENUE
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ALPHA CASEIN TEST RESULTS

AMERICAN DAIRY GOAT ASSOCIATION P.O. BOX 865 SPINDALE, NC 28160	Case: ADG4867 Date Received: 04-Dec-2015 Print Date: 24-Jul-2016 Report ID: 0818-6737-8836-3082 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Name: VETERAN'S CATATUMBO LIGHTNING Reg: PN1730105 DOB: 05/19/2015 Sex: Male Breed: Nubian	
Sire: SIX M GALAXY LIGHTNING Reg: PN1523723 Dam: CROW'S DAIRY BLUE SPARKLES Reg: PN1556835	

ALPHA s1 CASEIN

A/B

Interpretation of result code:

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**.



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ALPHA CASEIN TEST RESULTS

AMERICAN DAIRY GOAT ASSOCIATION P.O. BOX 865 SPINDALE, NC 28160	Case: ADG3603 Date Received: 29-Oct-2014 Print Date: 02-Sep-2016 Report ID: 2330-9549-6715-8002 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Name: VETERAN'S SILVER BELLE Reg: PN1551851 DOB: 12/27/2008 Sex: Female Breed:	

ALPHA s1 CASEIN

A/B

Interpretation of result code:

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**.