



VETERINARY GENETICS LABORATORY
 SCHOOL OF VETERINARY MEDICINE
 ONE SHIELDS AVENUE
 DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211
 FAX: (530) 752-3556

ALPHA CASEIN TEST RESULTS

AMERICAN DAIRY GOAT ASSOCIATION P.O. BOX 865 SPINDALE, NC 28160	Case: ADG10215 Date Received: 12-Sep-2017 Print Date: 15-Sep-2017 Report ID: 3716-7513-4963-1139 Verify report at www.vgl.ucdavis.edu/myvgl/verify.html
Name: ROSASHARN PLW CALL METHE BREEZ DOB: 05/20/2015 Sex: Male Breed: Nigerian Dwarf	Reg: PD1747507

ALPHA s1 CASEIN

B/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**.