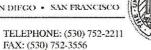
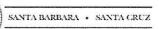
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VETERINARY GENETICS LABORATORY SCHOOL OF VETERINARY MEDICINE ONE SHIELDS AVENUE DAVIS, CALIFORNIA 95616-8744





ALPHA CASEIN TEST RESULTS

AMERICAN DAIRY GOAT ASSOCIATION P.O. BOX 865 SPINDALE, NC 28160

Case:

ADG2795

Date Received:

20-Aug-2013

Print Date:

24-Jul-2016

Report ID:

3511-2192-5449-4075

Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Name: C&W FARM ZENA'S NOBLE KNIGHT

DOB: 02/12/2013 Sex: Male Breed:

Reg: PN1640143

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.