



VETERINARY GENETICS LABORATORY
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ROAN ZYGOSITY TEST REPORT

ADAM CONRAD 209 N. MUNSON RD. ROYSE CITY, TX 75189	Case: DT27803 Date Received: 11-Jul-2011 Report Date: 15-Jul-2011 Report ID: 0837-7002-3637-4102
<i>Name:</i> NU SHADE OF BLUE <i>YOB:</i> <i>Breed:</i> QH <i>Sex:</i> S <i>Alt. ID:</i>	<i>Reg:</i>
<i>Sire:</i> MECOM BLUE <i>Dam:</i> ROYAL RED RINPOCHE	<i>Reg:</i> <i>Reg:</i>

ROAN ZYGOSITY RESULT

Rn/Rn

Result Codes:

- Rn/Rn:** Horse has two copies of the Roan gene. All offspring should be Roan.
- N/Rn:** Horse has one copy of the Roan gene. Horse will transmit Roan gene to 50% of the offspring.
- N/N:** Markers inconsistent with horse being Roan.

The Roan Zygosity test is not a direct test for the Roan gene. The analysis is based on markers associated with Roan in Belgian Draft Horses, Gypsy Cobs, Miniature Horses, Quarter Horses, Tennessee Walking Horses and Welsh Ponies.