



HERDA REPORT

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Case:	33840-08
Date Received:	3/21/08
Report Date:	3/26/08

<i>Horse:</i> ONE HOT KRYMSUN	<i>Reg:</i> 3837080
<i>YOB:</i> 1999 <i>Breed:</i> AQHA <i>Sex:</i> S	<i>Alt. ID:</i>
<i>Sire:</i> INVITATION ONLY	<i>Reg:</i> 2987678
<i>Dam:</i> KRYMSUN JET SET	<i>Reg:</i> 2926420

HERDA Test Result

N/N

Result Codes:

- Hr/Hr Affected – Homozygous for HERDA (two copies of HERDA gene).
- N/Hr Carrier – Heterozygous (one normal gene copy and one HERDA gene copy).
- N/N Normal – Homozygous for the normal gene. Does not possess the disease-causing HERDA gene.

Hereditary Equine Regional Dermal Asthenia (HERDA) is inherited as a recessive trait. This means that breedings between two carrier (N/Hr) horses have a 25% chance of producing an affected foal (Hr/Hr). Affected foals generally appear normal at birth and may not show clinical signs of the disorder (fragile, excessively stretchy skin) until they reach one to two years of age. Foals produced by matings between carrier (N/Hr) and normal (N/N) horses always appear to be normal, but 50% of these are expected to be carriers. We therefore recommend DNA testing all offspring produced by carriers of this trait.