

AQHA GENETIC DISEASE PANEL TEST REPORT

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION		Date Received: 29-Jun-2020
Provided Information: Name: SADDLING AT SUNRISE		Report Issue Date: 30-Sep-2021
Registration: 5752527		Report ID: 5738-6065-7395-2013
		Reissue of: 5581-7085-8924-6037
DOB: 04/25/2016 Sex: Stallion Breed: Quarter Horse Alt. ID: 6777372		
Sire: WR THIS CATS SMART		Dam: SUNSHINE INGREDIENT
Reg: 3837031		Reg: 4026229
Microchip:		Microchip:

RESULT

INTERPRETATION

Glycogen Branching Enzyme Deficiency (GBED)	N/N	Normal - Does not possess the disease-causing GBED gene
Hereditary Equine Regional Dermal Asthenia (HERDA)	N/N	Normal - horse does not have the HERDA gene
Hyperkalemic Periodic Paralysis (HYPP)	N/N	Normal - Does not possess the disease-causing HYPP gene
Malignant Hyperthermia (MH)	N/N	Normal - horse does not have the MH gene
Polysaccharide Storage Myopathy Type 1 (PSSM1)	N/N	Normal - horse does not have the PSSM1 gene

Additional Information

If testing for a disease or a disorder was performed and results indicate the animal is affected or at risk, we recommend contacting your veterinarian for further clinical evaluation and for additional information on disease and management.

For more detailed information on Equine Disease Panel test results, please visit our website at:
www.vgl.ucdavis.edu/services/horse/qhpanel.php

License Information

GBED testing performed under a license agreement with the University of Minnesota.
 PSSM1 testing performed under a license agreement with the American Quarter Horse Association.

Additional Comments

Results are determined using PCR-based methods. The results relate only to the sample tested as identified by the submitter (for example, identity and/or breed).

Report authorized by Dr. Rebecca Bellone, VGL Director

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MYOSIN-HEAVY CHAIN MYOPATHY (MYHM) GENETIC TEST REPORT

Provided Information: Name: SADDLING AT SUNRISE Registration: 5752527	Case: NQ81328 Date Received: 02-May-2022 Report Issue Date: 11-May-2022 Report ID: 6239-7202-7383-2082 Verify report at www.vgl.ucdavis.edu/verify
DOB: 04/25/2016 Sex: Stallion Breed: Quarter Horse Microchip: 981020017511142	
Sire: WR THIS CATS SMART Dam: SUNSHINE INGREDIENT Reg: Reg: Microchip: Microchip:	

RESULT

INTERPRETATION

Myosin-Heavy Chain Myopathy (MYHM)	N/N
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No copies of the MYHM mutation. Horse does not have increased susceptibility for IMM or nonexertional rhabdomyolysis.

EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

Provided Information: Name: SADDLING AT SUNRISE Registration: 5752527	Case: NQ81328 Date Received: 02-May-2022 Report Issue Date: 18-Sep-2024 Report ID: 9629-1268-9766-5071 <div style="text-align: right; font-size: small;">Verify report at vgl.ucdavis.edu/verify</div>						
DOB: 04/25/2016 Sex: Stallion Breed: Quarter Horse Microchip: 981020017511142							
<table style="width: 100%;"> <tr> <td style="width: 50%;">Sire: WR THIS CATS SMART</td> <td style="width: 50%;">Dam: SUNSHINE INGREDIENT</td> </tr> <tr> <td>Reg:</td> <td>Reg:</td> </tr> <tr> <td>Microchip:</td> <td>Microchip:</td> </tr> </table>		Sire: WR THIS CATS SMART	Dam: SUNSHINE INGREDIENT	Reg:	Reg:	Microchip:	Microchip:
Sire: WR THIS CATS SMART	Dam: SUNSHINE INGREDIENT						
Reg:	Reg:						
Microchip:	Microchip:						

RESULT

INTERPRETATION

Equine Juvenile Spinocerebellar Ataxia	N/N
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Normal. No copies of the allele associated with equine juvenile spinocerebellar ataxia (EJSCA) detected.