

AQHA GENETIC DISEASE PANEL TEST REPORT

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION		Date Received: 13-Nov-2020 Report Issue Date: 08-Jul-2021 Report ID: 3415-6491-2604-3059 Reissue of: 3802-5362-1982-9153
Provided Information: Name: GOLDUN TOPSAIL Registration: 5857711		
DOB: 05/31/2017 Sex: Stallion Breed: Quarter Horse Alt. ID: 6903098		
Sire: JAZ POCO GOLDUN BLUE Reg: 3275428 Microchip:		Dam: WHIZZIN LENA Reg: 3562722 Microchip:

RESULT

Glycogen Branching Enzyme Deficiency (GBED)	N/N
Hereditary Equine Regional Dermal Asthenia (HERDA)	N/N
Hyperkalemic Periodic Paralysis (HYPP)	N/N
Malignant Hyperthermia (MH)	N/N
Polysaccharide Storage Myopathy Type 1 (PSSM1)	N/N

INTERPRETATION

Normal - Does not possess the disease-causing GBED gene

Normal - horse does not have the HERDA gene

Normal - Does not possess the disease-causing HYPP gene

Normal - horse does not have the MH gene

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) TEST REPORT

Provided Information: Name: GOLDUN TOPSAIL Registration: 5857711		Case: NQ122906 Date Received: 21-Apr-2025 Report Issue Date: 25-Apr-2025 Report ID: 2104-9134-2789-6148 Verify report at vgl.ucdavis.edu/verify
DOB: 05/31/2017 Sex: Stallion Breed: Quarter Horse		
Sire: JAZ POCO GOLDUN BLUE Reg: 3275428 Microchip:		Dam: WHIZZIN LENA Reg: 3562722 Microchip:

RESULT

INTERPRETATION

Myosin-Heavy Chain Myopathy (MYHM)	N/N
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Normal. No copies of the MYHM allele detected. Horse does not have increased susceptibility for immune mediated myositis or nonexertional rhabdomyolysis caused by the MYHM allele.

EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

Provided Information: Name: GOLDUN TOPSAIL Registration: 5857711	Case: NQ122906 Date Received: 21-Apr-2025 Report Issue Date: 25-Apr-2025 Report ID: 1548-3950-6313-8159 Verify report at vgl.ucdavis.edu/verify						
DOB: 05/31/2017 Sex: Stallion Breed: Quarter Horse							
<table style="width: 100%;"> <tr> <td style="width: 50%;">Sire: JAZ POCO GOLDUN BLUE</td> <td style="width: 50%;">Dam: WHIZZIN LENA</td> </tr> <tr> <td>Reg: 3275428</td> <td>Reg: 3562722</td> </tr> <tr> <td>Microchip:</td> <td>Microchip:</td> </tr> </table>		Sire: JAZ POCO GOLDUN BLUE	Dam: WHIZZIN LENA	Reg: 3275428	Reg: 3562722	Microchip:	Microchip:
Sire: JAZ POCO GOLDUN BLUE	Dam: WHIZZIN LENA						
Reg: 3275428	Reg: 3562722						
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.