



**AMERICAN QUARTER HORSE GENETIC HEALTH
 PANEL TEST REPORT**

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION		Case: QHA375647 Date Received: 30-Oct-2018 Report Issue Date: 26-Aug-2022 Report ID: 5014-5847-2026-6051
Provided Information: Name: HOTTISH METAL Registration: 5901374		Verify report at www.vgl.ucdavis.edu/verify
YOB: 2018 Sex: Stallion Breed: Quarter Horse Alt ID: 6975720		
Sire: HOTTISH Reg: 5069512 Microchip:	Dam: SNOW ME THE REY Reg: 5425466 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.

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

Veterinary Genetics Laboratory · University of California Davis · One Shields Ave · Davis, CA 95616
vgl.ucdavis.edu · (530) 752-2211





**MYOSIN-HEAVY CHAIN MYOPATHY (MYHM)
 GENETIC TEST REPORT**

<i>Provided Information:</i> Name: HOTTISH METAL Registration: 5901374	Case: QHA375647 Date Received: 30-Oct-2018 Report Issue Date: 20-Sep-2022 Report ID: 5127-5569-7487-0017 Verify report at www.vgl.ucdavis.edu/verify
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YOB: 2018 **Sex:** Stallion **Breed:** Quarter Horse **Alt. ID:** 6975720

Sire: HOTTISH	Dam: SNOW ME THE REY
Reg: 5069512	Reg: 5425466
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.

