

AMERICAN QUARTER HORSE GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION Provided Information: Name: HES SO EPIC Registration: 5890066	Date Received: 20-Aug-2018 Report Issue Date: 31-Oct-2022 Report ID: 1597-3515-5154-3135 Reissue of: 1390-7560-0382-4073
YOB: 2018 Sex: Stallion Breed: Quarter Horse Alt. ID: 6948299	
Sire: EPIC LEADER Reg: 5254071 Microchip:	Dam: MADDIE ROSS Reg: 5428226 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

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MYOSIN-HEAVY CHAIN MYOPATHY (MYHM) GENETIC TEST REPORT

Provided Information: Name: HES SO EPIC Registration: 5890066		Date Received: 20-Aug-2018 Report Issue Date: 31-Oct-2022 Report ID: 8144-1297-6269-7180 Reissue of: 0145-0814-8105-1180
YOB: 2018 Sex: Stallion Breed: Quarter Horse Alt. ID: 6948299		
Sire: EPIC LEADER Reg: 5254071 Microchip:	Dam: MADDIE ROSS Reg: 5428226 Microchip:	

RESULT

Myosin-Heavy Chain Myopathy (MYHM)	N/N
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INTERPRETATION

No copies of the MYHM mutation. Horse does not have increased susceptibility for IMM or nonexertional rhabdomyolysis.