

AMERICAN QUARTER HORSE GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION Provided Information: Name: QUANAH PARKER 99 Registration: 5849771	Date Received: 17-Sep-2018 Report Issue Date: 29-Jul-2022 Report ID: 8181-8226-1676-4124 Reissue of: 2824-5853-7524-9028
YOB: 2017 Sex: Stallion Breed: Quarter Horse Alt. ID: 6850021	
Sire: ONCE IN A BLU BOON Reg: 5392297 Microchip:	Dam: CYNTHIA ANNE Reg: 3815024 Microchip:

RESULT

INTERPRETATION

Genetic Defect	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:	Case: NQ82903
Name: QUANAH PARKER 99	Date Received: 02-Jun-2022
Registration: 5849771	Report Issue Date: 13-Jun-2022
	Report ID: 7952-9554-3769-1059
	Verify report at www.vgl.ucdavis.edu/verify
DOB: 01/01/2017 Sex: Stallion Breed: Quarter Horse	

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.