

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

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION		Date Received: 09-Apr-2018 Report Issue Date: 16-Feb-2023 Report ID: 3519-7944-7148-0199 Reissue of: 5473-9882-4216-1151
Provided Information: Name: DUAL REYISH Registration: 5673738		
YOB: 2014 Sex: Stallion Breed: Quarter Horse Alt. ID: 6660856		
Sire: HOTTISH Reg: 5069512 Microchip:	Dam: A LITTLE REYLENA Reg: 4522460 Microchip:	

RESULT

INTERPRETATION

Glycogen Branching Enzyme Deficiency (GBED)	N/N	Normal. No copies of the GBED allele detected.
Hereditary Equine Regional Dermal Asthenia (HERDA)	N/N	Normal. No copies of the HERDA allele detected.
Hyperkalemic Periodic Paralysis (HYPP)	N/N	Normal. No copies of the HYPP allele detected.
Malignant Hyperthermia (MH)	N/N	Normal. No copies of the MH allele detected.
Polysaccharide Storage Myopathy Type 1 (PSSM1)	N/N	Normal. No copies of the PSSM1 allele detected.

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 American Quarter Horse Genetic Health Panel test results, please visit our website at: www.vgl.ucdavis.edu/panel/quarter-horse-disease-panel

License Information

The GBED test is performed under a license agreement with the University of Minnesota.

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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Equine Genetic Testing Report



Submitted By

Debbie Patterson
Brazos Valley Stallion Station LP
21351 N US Hwy 377
Stephenville, TX 76401

Subject Horse

Date Received: 1/12/2021

Horse Name: **Dual Reyish** Lab Reference #: 00147203
 Breed: Quarter/Paint Horse Registration: 5673738/1,098,484
 Phenotype: Chestnut Birth: 2014
 Sex: Stallion

Sire

Sire Name: Hottish
Breed: Quarter Horse
Registration:
Phenotype:

Dam

Dam Name: A Little Reylena
Breed: Quarter Horse
Registration:
Phenotype:

Coat Color and Pattern Testing		
Tobiano		Not Tested
Frame Overo		Not Tested
Sabino 1		Not Tested
Splashed White 1		Not Tested
Splashed White 2		Not Tested
Splashed White 3		Not Tested
Appaloosa (LP)		Not Tested
PATN1		Not Tested
Red/Black Factor		Not Tested
Agouti		Not Tested
Cream Dilution		Not Tested
Dun Dilution		Not Tested
Silver Dilution		Not Tested
Champagne		Not Tested
Pearl Dilution		Not Tested
Gray		Not Tested

Genetic Disorders		
HYPP		Not Tested
HERDA		Not Tested
GBED		Not Tested
MH		Not Tested
X IMM	N/N	Horse tested negative for the mutation associated with IMM.
PSSM 1		Not Tested
FIS		Not Tested
JEB1		Not Tested
JEB2		Not Tested
CA		Not Tested
LFS		Not Tested
SCID		Not Tested
OAAM1		Not Tested
WFFS1		Not Tested

Additional Comments

None

Genetic Marker Results							Run Date:	Not Tested
-	-	-	-	-	-	-		
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK		
-	-	-	-	-	-	-		
HMS3	HMS5	HMS7	HTG10	HTG4	LEX3	LEX33		
-	-	-	-	-	-	-		
VHL20	UM011	HMS1	HMS2	HTG6	HTG7			