



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

Client/Owner/Agent Information: AMERICAN QUARTER HORSE ASSOCIATION		Date Received: 23-Sep-2016 Report Issue Date: 16-Feb-2023 Report ID: 5173-0512-4712-2151 Reissue of: 5874-7236-3749-7075
Provided Information: Name: COUNTIN HOT CHECKS Registration: 5754939		
DOB: 01/01/2016 Sex: Stallion Breed: Quarter Horse Alt. ID: 6771388		
Sire: HOTTISH Reg: 5069512 Microchip:	Dam: CAT COUNTIN CHECKS Reg: 5209206 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: **Countin Hot Checks**
Breed: Quarter Horse
Phenotype: Sorrel
Sex:

Lab Reference #: 00147205
Registration: 5754939
Birth:

Sire

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

Dam

Dam Name: Cat Countin Checks
Breed:
Registration:
Phenotype:

Goat 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

	HYP		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

Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA426UK
-	-	-	-	-	-	-
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	-
VHL20	UM011	HMS1	HMS2	HTG6	HTG7	

Additional Comments

None