



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

<i>Client/Owner/Agent Information:</i> AMERICAN QUARTER HORSE ASSOCIATION		<i>Date Received:</i> 11-May-2021 <i>Report Issue Date:</i> 16-Feb-2023 <i>Report ID:</i> 7302-0528-4142-4159 <i>Reissue of:</i> 2423-7545-3530-5066
<i>Provided Information:</i> <i>Name:</i> CATOLENA CASHIN IN <i>Registration:</i> 5858573		
<i>DOB:</i> 04/28/2017 <i>Sex:</i> Stallion <i>Breed:</i> Quarter Horse <i>Alt. ID:</i> 6914625		
<i>Sire:</i> REYZIN THE CASH <i>Reg:</i> 5407546 <i>Microchip:</i>	<i>Dam:</i> DUAL CATOLENA <i>Reg:</i> 4907555 <i>Microchip:</i>	

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

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



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: 2/22/2022

Horse Name: Catolena Cashin In Breed: Quarter Horse Phenotype: Sorrel Sex: Stallion	Lab Reference #: 00163891 Registration: 5858573 Birth: 2017
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Sire
Sire Name: Reyzin the Cash Breed: Registration: Phenotype:

Dam
Dam Name: Dual Catolena Breed: 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

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

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 Marker Results						Run Date: Not Tested
-	-	-	-	-	-	-
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK
-	-	-	-	-	-	-
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	-
VHL20	UM011	HMS1	HMS2	HTG6	HTG7	

Additional Comments
None