UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

AMERICAN QUARTER HORSE GENETIC HEALTH PANEL TEST REPORT

Client/Owner/Agent Information:	
AMERICAN QUARTER HORSE ASSOCIATION	
Provided Information:	
Name: **ZIGZAGG**	***Date Received:*** 22-Oct-2025
Registration: **5990938**	***Report Issue Date:*** 24-Nov-2025
	Report ID: 6368-9216-7862-6042
	Reissue of: 8535-2029-4874-5140

DOB: **04/19/2019** *Sex:* **Stallion** *Breed:* **Quarter Horse** *Alt. ID:* **7143212**

Sire: HOTTISH	*Dam:* JUSTASASSYCAT
Reg: 5069512	*Reg:* 5337911
Microchip:	*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.
Myosin-Heavy Chain Myopathy (MYHM)	**N/N**	Normal. No copies of the MYHM allele detected. Horse does not have increased susceptibility for immune mediated myositis or nonexertional rhabdomyolysis caused by the MYHM allele.

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: vgl.ucdavis.edu/panel/quarter-horse-disease-panel

License Information

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

ANAB
ANSI National Accreditation Board
ACCREDITED
ISO/IEC 17025
TESTING LABORATORY

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

UCDAVIS VETERINARY MEDICINE
Veterinary Genetics Laboratory

EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

Provided Information:	***Case:***
Name: **ZIGZAGG**	***Date Received:*** 11-Dec-2025
Registration: **5990938**	***Report Issue Date:*** 17-Dec-2025
	Report ID: 6956-1559-4774-2040
	Verify report at vgl.ucdavis.edu/verify

DOB: **04/19/2019** *Sex:* **Stallion** *Breed:* **Quarter Horse**

Sire: HOTTISH	*Dam:* JUSTASASSYCAT
Reg: 5069512	*Reg:* 5337911
Microchip:	*Microchip:*

RESULT

Equine Juvenile Spinocerebellar Ataxia	**N/N**

INTERPRETATION

Normal. No copies of the allele associated with equine juvenile spinocerebellar ataxia (EJSCA) detected.