

## AMERICAN QUARTER HORSE GENETIC HEALTH PANEL TEST REPORT

<p><i>Client/Owner/Agent Information:</i>  <b>AMERICAN QUARTER HORSE ASSOCIATION</b></p> <p><i>Provided Information:</i>  <i>Name:</i>           <b>SEVENS STAR GLO</b>  <i>Registration:</i>   <b>5822860</b></p>	<p><i>Date Received:</i>           14-Sep-2017  <i>Report Issue Date:</i>      21-Dec-2022  <i>Report ID:</i>                7607-1180-1525-5015  <i>Reissue of:</i>                2053-7370-3876-3122</p>
<p><i>YOB:</i> 2017   <i>Sex:</i> Stallion   <i>Breed:</i> Quarter Horse   <i>Alt. ID:</i> 6865605</p>	
<p><i>Sire:</i>    CSR DUAL GLO  <i>Reg:</i>    5304407  <i>Microchip:</i></p>	<p><i>Dam:</i>    SEVENS TOOTSIE TIME  <i>Reg:</i>    4949874  <i>Microchip:</i></p>

**RESULT**

**INTERPRETATION**

Test Name	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

**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](http://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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## AQHA COAT COLOR PANEL TEST REPORT

<b>Provided Information:</b>		<b>Date Received:</b>	14-Sep-2017
<b>Name:</b>	<b>SEVENS STAR GLO</b>	<b>Report Issue Date:</b>	28-Dec-2022
<b>Registration:</b>	<b>5822860</b>	<b>Report ID:</b>	5262-2778-9690-7053
		<b>Reissue of:</b>	5131-9592-6318-7155

**YOB: 2017 Sex: Stallion Breed: Quarter Horse Alt. ID: 6865605**

<b>Sire:</b> CSR DUAL GLO	<b>Dam:</b> SEVENS TOOTSIE TIME
<b>Reg:</b> 5304407	<b>Reg:</b> 4949874
<b>Microchip:</b>	<b>Microchip:</b>

### RESULT

### INTERPRETATION

RED FACTOR	E/e	
AGOUTI	A/a	Both black and red factors detected.
CREAM	N/Cr	1 copy of agouti. If present, black pigment is restricted to the points.
PEARL	N/N	1 copy of Cream dilution detected.
SILVER	N/N	No copies of Pearl dilution detected.
LETHAL WHITE OVERO	N/N	No copies of Silver dilution detected.
SABINO 1	N/N	No copies of Lethal white overo detected.
TOBIANO	N/N	No copies of Sabino 1 detected.
CHAMPAGNE	N/N	No copies of Tobiano detected.
SPLASHED WHITE (SW1, SW3, SW5, SW6)	N/N	No copies of Champagne dilution detected.
SPLASHED WHITE (SW2, SW4)	N/N	No copies of MITF Splashed White detected.
GRAY	Absent	No copies of PAX3 Splashed White detected.
DUN	nd2/nd2	Gray gene is absent. Horse will not turn gray.
DOMINANT WHITE (W5, W10, W13, W20, W22)	N/W20	Horse is not Dun dilute. Primitive markings are absent.
		1 copy of W20 detected.