

## EQUINE DISEASE PANEL TEST REPORT

<b>Provided Information:</b>		<b>Case:</b>	<b>NQ81923</b>
<b>Name:</b>	<b>SHR FROZEN SMOKE</b>	<b>Date Received:</b>	12-May-2022
<b>Registration:</b>	<b>APHA 1108097</b>	<b>Report Issue Date:</b>	23-May-2022
		<b>Report ID:</b>	2265-5485-4883-8062
		Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>	
<b>DOB: 01/07/2021   Sex: Stallion   Breed: Paint Horse</b>			
<b>Sire:</b>	SG FROZEN ENTERPRIZE	<b>Dam:</b>	DUN SMOKIN THE BLUES
<b>Reg:</b>	5266682	<b>Reg:</b>	969153
<b>Microchip:</b>		<b>Microchip:</b>	

### RESULT

### INTERPRETATION

<b>Glycogen Branching Enzyme Deficiency (GBED)</b>	<b>N/N</b>	Normal - Does not possess the disease-causing GBED gene
<b>Hereditary Equine Regional Dermal Asthenia (HERDA)</b>	<b>N/N</b>	Normal - horse does not have the HERDA gene
<b>Hyperkalemic Periodic Paralysis (HYPP)</b>	<b>N/N</b>	Normal - Does not possess the disease-causing HYPP gene
<b>Myosin-Heavy Chain Myopathy (MYHM)</b>	<b>N/N</b>	No copies of the MYHM mutation. Horse does not have increased susceptibility for IMM or nonexertional rhabdomyolysis.
<b>Malignant Hyperthermia (MH)</b>	<b>N/N</b>	Normal - horse does not have the MH gene
<b>Polysaccharide Storage Myopathy Type 1 (PSSM1)</b>	<b>N/N</b>	Normal - horse does not have the PSSM1 gene

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<b>Client/Owner/Agent Information:</b> JACKIE PAKULA 28150 NORTH ALMA SCHOOL PKWY. 103-220 SCOTTSDALE, AZ 85262	<b>Case:</b> <b>NQ81923</b> <b>Date Received:</b> 12-May-2022 <b>Report Issue Date:</b> 23-May-2022 <b>Report ID:</b> 2265-5485-4883-8062  Verify report at <a href="http://www.vgl.ucdavis.edu/verify">www.vgl.ucdavis.edu/verify</a>
<b>Name:</b> <b>SHR FROZEN SMOKE</b>	

### 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 Equine Disease Panel test results, please visit our website at:  
[www.vgl.ucdavis.edu/services/horse/qhpanel.php](http://www.vgl.ucdavis.edu/services/horse/qhpanel.php)

### License Information

GBED testing performed under a license agreement with the University of Minnesota.  
PSSM1 testing performed under a license agreement with the American Quarter Horse Association.

For terms and conditions of testing, please see [www.vgl.ucdavis.edu/about/terms-and-conditions](http://www.vgl.ucdavis.edu/about/terms-and-conditions)

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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