

UNIVERSITY OF CALIFORNIA, DAVIS

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VETERINARY GENETICS LABORATORY
SCHOOL OF VETERINARY MEDICINE
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SANTA BARBARA • SANTA CRUZ

AQHA GENETIC DISEASE PANEL TEST RESULTS

AMERICAN QUARTER HORSE ASSOCIATION P.O. BOX 200 AMARILLO, TX 79168-0001		Case: QHA47404 Date Received: 28-Feb-2012 Report Date: 06-Mar-2012 Report ID: 9763-7779-4989-5191 Verify report at https://www.vgl.ucdavis.edu/myvgl/verify.html
Horse: ROCKIN W YOB: 06 Breed: QH Sex: S Alt. ID: 5632119		Reg: 4807356
Sire: DUAL REY Dam: BOON SAN KITTY		Reg: 3258332 Reg: 3955171

GBED	N/N	N/N - Normal - Does not possess the disease-causing GBED gene
HERDA	N/HRD	N/HRD - Carrier - horse carries one copy of the HERDA gene
HYPP	N/N	N/N - Normal - Does not possess the disease-causing HYPP gene
MH	N/N	N/N - Normal - horse does not have the MH gene
PSSM1	N/N	N/N - Normal - horse does not have the PSSM1 gene

GBED - Glycogen Branching Enzyme Deficiency. Fatal disease of newborn foals caused by defect in glycogen storage. Affects heart and skeletal muscles and brain. Inherited as recessive disease.

HERDA - Hereditary Equine Regional Dermal Asthenia. Skin disease characterized by hyperextensible skin, scarring, and severe lesions along the back of affected horses. Typical onset is around 2 years of age. Inherited as a recessive disease.

HYPP - Hyperkalemic Periodic Paralysis. Muscle disease caused by defect in sodium channel gene that causes involuntary muscle contraction and increased level of potassium in blood. Inherited as dominant disease. Two copies of defective gene produce more severe signs than one copy.

MH - Malignant Hyperthermia. Rare but life-threatening skeletal muscle disease triggered by exposure to volatile anesthetics (halothane), depolarizing muscle relaxants (succinylcholine), and stress. Presumed inheritance as dominant disease.

PSSM1 - Polysaccharide Storage Myopathy Type 1. Muscle disease characterized by accumulation of abnormal complex sugars in skeletal muscles. Signs include muscle pain, stiffness, skin twitching, sweating, weakness and reluctance to move. Inherited as a dominant disease.

GBED testing performed under a license agreement with the University of Minnesota.

HERDA testing performed under a license agreement with the University of California, Davis.

PSSM1 testing performed under a license agreement with the American Quarter Horse Association.



Friday, December 27, 2024

ROCKIN W SYNDICATE
PO BOX 130
GUTHRIE TX 79236

Customer ID: 3673036
Transaction #: 42785915-11
Registration Key: 5632119

Dear ROCKIN W SYNDICATE:

The results for the genetic test(s) that you ordered for ROCKIN W, 4807356 are below.

MYHM

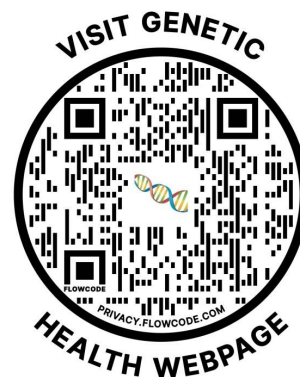
N/N

For more information regarding these genetic diseases, please refer to AQHA.com/genetics and AQHA rules REG109.3-REG109.7, which are available in the AQHA Official Handbook of Rules and Regulations at www.aqha.com.

If you have any questions, please contact AQHA at 806-376-4811 8 a.m. to 5 p.m. Central, Monday through Friday, or submit a Contact Us form on AQHA.com.

Sincerely,

AQHA Member Experience Team



HYP026

EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

Provided Information:		Case:	NQ51867
Name:	ROCKIN W	Date Received:	25-Jul-2019
Registration:	4807356	Report Issue Date:	18-Sep-2024
		Report ID:	3550-0530-5567-0017
		Verify report at vgl.ucdavis.edu/verify	
DOB: 01/01/2006 Sex: Stallion Breed: Quarter Horse			

RESULT

Equine Juvenile Spinocerebellar Ataxia	N/N
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INTERPRETATION

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