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SANTA BARBARA · SANTA GRUZ

VETERINARY GENETICS LABORATORY SCHOOL OF VETERINARY MEDICINE ONE SHIELDS AVENUE DAVIS, CALIFORNIA 95616-8744

TELEPHONE: (530) 752-2211 FAX: (530) 752-3556

AQHA GENETIC DISEASE PANEL TEST RESULTS

AMERICAN QUARTER HORSE ASSOCIATION P.O. BOX 200 AMARILLO, TX 79168-0001

Case:

QHA350779

Date Received:

16-Apr-2018

Print Date:

20-Apr-2018

Report ID:

1707-4433-6065-6113

Verify report at www.vgl.ucdavis.edu/myvgl/verify.html

Horse: PURELYSIMPLY DYNAMIC

Reg: 4640041

YOB: 2005 Sex: Stallion Breed: Quarter Horse Alt. ID: 5443938

Sire: PURE DYNAMIC

Reg: 3387996

Reg: 3863108

Dam: JET SET ILLUSION

GBED	N/N
HERDA	N/N
НҮРР	N/N
МН	N/N
PSSM1	N/N

N/N - Normal - Does not possess the disease-causing GBED gene

N/N - Normal - horse does not have the HERDA gene

N/N - Normal - Does not possess the disease-causing HYPP gene

N/N - Normal - horse does not have the MH gene

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

HERDA - Hereditary Equine Regional Dermal Asthenia. Skin disease characterized by hyperextensible skin, searring, and severe lesions along the back of affected horses. Typical onset is

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).

PSSM1 - Polysaccharide Storage Myopathy Type 1. Muscle disease characterized by accumulation of abnormal complex sugars in skeletal muscles. Signs include muscle pain, stiffness, skin

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.





Tuesday, December 10, 2024

SUSAN L WATKINS 6068 S STATE ROAD 1 HAMILTON IN 46742 Customer ID: 2164706 Transaction #: 42778079-1 Registration Key: 5443938

Dear SUSAN L WATKINS:

The results for the genetic test(s) that you ordered for PURELYSIMPLY DYNAMIC, 4640041 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.agha.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

