



**UNIVERSITY OF KENTUCKY  
ANIMAL GENETIC TESTING AND RESEARCH LABORATORY**

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Member Laboratory of the International Society for Animal Genetics: Lab code 84415

## **COLOR TEST REPORT**

NAME: Aero

FARM: **JONATHAN HEIREMAN**

ACCESSION NUMBER: H14-02612

REG. NUMBER:

COLOR:

DAM:

BREED:

DAM REG. NO:

SEX:

SIRE: Arrows Markthespotof LTDS

DOB:

SIRE REG. NO:

TEST DATE:

DATE COMPLETE: 6/18/2014

### **COAT COLOR & GENETIC MUTATION TEST RESULT**

#### **Overall ACAN Dwarfism Results: N/N**

This horse does not possess any of the recognized ACAN mutations. This horse exhibits the normal phenotype. It may be bred to carriers of any of the ACAN mutations and will not produce the dwarf phenotype due to an ACAN mutation. It is possible that there are other mutations that cause dwarfism that have not been identified.

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**Marker** ACAN D1 N/N

#### ACAN D1 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D1  
This horse does not possess the D1 mutation in the ACAN gene.

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**Marker** ACAN D2 N/N

#### ACAN D2 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D2  
This horse does not possess the D2 mutation in the ACAN gene.

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**Marker** ACAN D3 N/N

ACAN D3 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D3  
This horse does not possess the D3 mutation in the ACAN gene.

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**Marker** ACAN D4 N/N

ACAN D4 DWARFISM MUTATION TEST

Comment: Homozygous Normal for ACAN D4  
This horse does not possess the D4 mutation in the ACAN gene.