



**UNIVERSITY OF KENTUCKY
GENETIC TESTING AT GLUCK**

Department of Veterinary Science | 108 Gluck Equine Research Center | Lexington KY 40546-0076
Phone: (859) 218-1165 | Fax: (859) 257-8542 | <http://getgluck.ca.uky.edu/>
Member Laboratory of the International Society for Animal Genetics: Lab code 84415

BLOOD TEST REPORT

NAME: DARK WATERSPOON
FARM: CAMILLA HOLMES

ACCESSION NUMBER: 18-00530

REG. NUMBER:
COLOR:
BREED: ARAB/FRIESIAN
SEX:
DOB:
TEST DATE: 6/15/2018

MICROCHIP NUMBER:
DAM:
DAM REG. NO:
SIRE:
SIRE REG. NO:

Blood Group Markers

System: factors

A: abcdefg	C: a	D: abcdefghiklmnopqrs	K: a	P: abcd	Q: abc	U: a
Type: a	a	NOT TESTED	NOT TESTED	NOT TESTED	a	-

Biochemical Markers

XK	Es	AL	Tf	PI	Gc	Hb	PGD	PGM	GPI
NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED	NOT TESTED

Comments:

POSITIVE FOR Aa, Ca, Qa. NEGATIVE FOR Ua



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COLOR TEST REPORT

NAME: DARK WATERSPOON

FARM: CAMILLA HOLMS

ACCESSION NUMBER: H18-03366

REG. NUMBER:

MICROCHIP NUMBER:

COLOR:

BREED: FRIESIAN CROSS

DAM:

DAM REG. NO:

SEX:

DOB:

SIRE:

SIRE REG. NO:

TEST DATE:

DATE COMPLETE: 6/12/2018

COAT COLOR & GENETIC MUTATION TEST RESULT

Marker FR-DWARFISM N/N

TEST FOR FRIESIAN DWARFISM MUTATION

B4GALT7 MUTATION TEST RESULTS

COMMENT: This horse is homozygous for the normal B4GALT7 gene and does not possess the mutation in B4GALT7 associated with dwarfism in the Friesian Horse. It cannot pass the mutation to any offspring. This horse can be bred to horses that carry the mutation without producing affected offspring.

Marker FR-HYDRO N/N

TEST FOR FRIESIAN HYDROCEPHALY MUTATION

B3GALNT2 MUTATION TEST RESULTS

COMMENT: This horse is homozygous for the normal B3GALNT2 gene and does not possess the mutation in B3GALNT2 associated with hydrocephaly in the Friesian Horse. It cannot pass the mutation to any offspring. This horse can be bred to horses that carry the mutation without producing affected offspring.

Marker WFFS N/N

TEST FOR WARMBLOOD FRAGILE FOAL SYNDROME

LH1 (PLOD1) MUTATION TEST RESULTS

COMMENT: NORMAL

This horse does not possess the mutation in LH1 (PLOD1) associated with Warmblood Fragile Foal Syndrome. This horse may be bred to animals that are carriers for WFFS and will not produce an affected foal nor pass the mutation to its offspring.