



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

TELEPHONE: (530) 752-2211
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CEREBELLAR ABIOTROPHY TEST REPORT

DIDIER THIEVENT OBERDORF 16 CH-5076 BOEZEN SWITZERLAND	Case: CBA1110 Date Received: 14-Dec-2009 Report Date: 22-Dec-2009 Report ID: 2812-6577-9263-0166
Name: EVELINA YOB: 92 Breed: AR Sex: M	Reg: CHAV-231/92 Microchip: ---
Sire: ESPLENDOR Dam: VERBA	Reg: RASBVI,P.370 Reg: AVSA8587

CEREBELLAR ABIOTROPHY RESULT

N/N

Result Codes:

N/N	Normal: horse does not possess markers associated with CA
N/CA	Carrier (1 copy of the CA gene): horse has markers associated with CA and is considered to be phenotypically normal and a carrier of the disease gene
CA/CA	Affected (2 copies of the CA gene): horse has markers associated with CA and is considered to have the disease
N/U	CA status cannot be determined. Atypical combination of DNA markers. Possibility of CA-carrier status cannot be excluded with confidence.

Cerebellar Abiotrophy (CA) is a neurological genetic disease found in Arabian horses that is characterized by head tremor and lack of balance equilibrium. CA is inherited as a recessive trait and thus breedings between two carriers (N/CA) have a 25% chance of producing an affected foal. Breedings between carrier and normal (N/N) horses produce only normal foals, but 50% of these are expected to be carriers. While CA is not fatal, affected animals can be a danger to themselves and their handlers because of their symptoms.

This is not a direct genetic test for CA. The analysis is based on markers associated with this disease.



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DIDIER THIEVENT OBERDORF 16 CH-5076 BOEZEN SWITZERLAND	Case: CBA1111 Date Received: 14-Dec-2009 Report Date: 22-Dec-2009 Report ID: 2339-8243-9038-0126
Name: GRAZIELLA YOB: 92 Breed: AR Sex: M	Reg: CH-AV/53/92 Microchip: 756097200109054
Sire: GIPS Dam: GVOZDIKA	Reg: VZAP-AV-6172 Reg: CH-AV/46/84

CEREBELLAR ABIOTROPHY RESULT

N/N

Result Codes:

N/N	Normal: horse does not possess markers associated with CA
N/CA	Carrier (1 copy of the CA gene): horse has markers associated with CA and is considered to be phenotypically normal and a carrier of the disease gene
CA/CA	Affected (2 copies of the CA gene): horse has markers associated with CA and is considered to have the disease
N/U	CA status cannot be determined. Atypical combination of DNA markers. Possibility of CA-carrier status cannot be excluded with confidence.

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CEREBELLAR ABIOTROPHY TEST REPORT

DIDIER THIEVENT OBERDORF 16 CH-5076 BOEZEN SWITZERLAND	Case: CBA1117 Date Received: 14-Dec-2009 Report Date: 22-Dec-2009 Report ID: 5295-6082-7830-9197
Name: BAJKAL YOB: 96 Breed: AR Sex: S	Reg: CHAV-301/96 Microchip: ---
Sire: BALATON Dam: RISHAH	Reg: AVSA6287 Reg: CH-AV/18/84

CEREBELLAR ABIOTROPHY RESULT

N/N

Result Codes:

N/N	Normal: horse does not possess markers associated with CA
N/CA	Carrier (1 copy of the CA gene): horse has markers associated with CA and is considered to be phenotypically normal and a carrier of the disease gene
CA/CA	Affected (2 copies of the CA gene): horse has markers associated with CA and is considered to have the disease
N/U	CA status cannot be determined. Atypical combination of DNA markers. Possibility of CA-carrier status cannot be excluded with confidence.

Cerebellar Abiotrophy (CA) is a neurological genetic disease found in Arabian horses that is characterized by head tremor and lack of balance equilibrium. CA is inherited as a recessive trait and thus breedings between two carriers (N/CA) have a 25% chance of producing an affected foal. Breedings between carrier and normal (N/N) horses produce only normal foals, but 50% of these are expected to be carriers. While CA is not fatal, affected animals can be a danger to themselves and their handlers because of their symptoms.

This is not a direct genetic test for CA. The analysis is based on markers associated with this disease.