UNIVERSITY OF CALIFORNIA, DAVIS

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CEREBELLAR ABIOTROPHY TEST REPORT

SASCHA QUADERER BANGARTEN 23 9490 VADUZ SWITZERLAND	***Case:*** **CBA312** ***Date Received:*** 16-Mar-2009 ***Report Date:*** 19-Mar-2009 ***Report ID:*** 5698-3353-9138-5037

Name: **MARJAN ALBIDAYER** *Reg:* **DE408082007408008**
YOB: **08** *Breed:* **AR** *Sex:* **S** *Alt. ID:*

Sire: MARAJJ *Reg:* 812158604
Dam: PUSTYNNA DROGA *Reg:*

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.