

Practical Horse Genetics Pty Ltd

38 Boronia St
Redfern NSW 2016
AUSTRALIA

ABN: 65 117 439 586



Attention:

21 October 2016

Juliet Burnett
The Arabian Horse Society Of Australia Ltd
PO Box 415
Richmond NSW 2753

Genotyping Results for Niarob Shou-lin--El-Sadat (AU)

Genetic test	Genotype	Comments
Cerebellar abiotrophy (CA)	CA n	Heterozygous CA (CA carrier)
Severe combined immune deficiency (SCID)	n n	Negative for severe combined immune deficiency (SCID)
Lavender foal syndrome (LFS)	n n	Negative for lavender foal syndrome (LFS)

Conclusions:

Niarob Shou-lin--El-Sadat (AU) is a heterozygous CA (CA carrier) horse. Niarob Shou-lin--El-Sadat (AU) was also tested for severe combined immune deficiency (SCID), lavender foal syndrome (LFS) and was found to be negative.

Horses with a single copy of the CA gene such as Niarob Shou-lin--El-Sadat (AU) do not suffer from CA but can potentially produce affected foals. To avoid this you simply need to ensure that the prospective foal cannot inherit the CA gene from *both* its sire and its dam. Therefore, if Niarob Shou-lin--El-Sadat (AU) is mated to a CA-negative horse there is no risk of the foal being affected with cerebellar abiotrophy.

For more information about cerebellar abiotrophy, speak to your equine veterinarian.

Sample Details

Horse/pony name	Niarob Shou-lin--El-Sadat (AU)	Studbook ID	S16168
Breed	Arabian	Sex	Male
Sire name	Niarob Anwar El Sadat (AU)	Dam name	Al Meraine Gai Lee (AU)
Sample received	10/10/16		
Analysis started	12/10/16		
Report generated	21/10/16		

DISCLAIMER: Many genetic tests rely on knowledge of DNA sequence variants present in the horse and pony population. If a novel sequence variant is present in this horse or pony, it is possible for test results not to reflect the true status of this animal.

In instances where a client believes that this has occurred with their horse or pony, Practical Horse Genetics welcomes the chance to carry out further analyses and, where possible, use knowledge of the new sequence variant to improve our testing processes.