

Dierenartsenpraktijk V.U.G.B.V
Evertsenlaan 18
3781 TB Voorthuizen

Owner	Moll, L.	Order ID	70154815
Animal	Horse Meisje	Laboratory No.	VM744462/14.06.2014
Material	EDTA plasma		

Test	Result	Sign	Reference value	Unit	Remark
ACTH	139.0			pg/ml	1)

Note:

1)

Please note that the results of the ACTH testing can only be considered valid,

if the samples have been handled properly:

Sampling procedure

. A single whole-blood sample is obtained in a plastic EDTA-vial (glass vials

or vacutainers are not suitable for this purpose). The sample can be obtained

at any time-but preferably 8:00 to 10:00 clock in the morning-during the day.

. Blood must be centrifuged immediately after sampling. If this is not possible,

the sample must be kept cool until centrifugation. Centrifuge the sample within 8 hours.

. After centrifugation, plasma must be filled into a plastic plain tube. The

use of special vials with preserving substances is not necessary.

. The sample must be sent cool or frozen in a special container and it must arrive at our lab within 24 hours.

Please consider that pain (e.g. laminitis) and stressful situations previous to

or during sampling may lead to false positive results.

Reference values

Please note the new reference values:

ACTH values for healthy horses considering the physiological circannual variations in the secretion of ACTH:

. November to July: <= 29 pg/ml (negative)

. August to October: <= 47 pg/ml (negative)

Cushing patients usually show clearly higher values in the respective time frames detailed above. The results must be always interpreted considering the

clinical signs of the patient.

***** Final report *** validated by Dr. Thüre (Veterinarian)**