

HELP & ADVICE



Our quality assurance programme

All procedures are accredited according to DIN EN ISO 17025:2018. In addition to a constant panel of internal controls, all tests are regularly subjected to external checks as well.

Topic overview

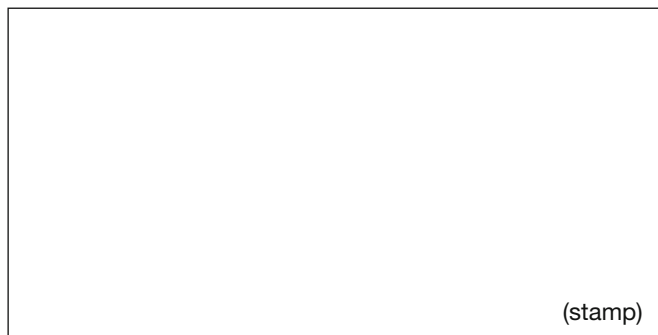
- ➔ Hereditary diseases
- ➔ Coat colours
- ➔ Performance
- ➔ DNA profiles
- ➔ Our quality assurance programme

Sample material for all genetic tests:

1 ml EDTA blood or 15 – 20 hairs with roots from mane or tail.
Storage of samples for 5 years.



Handed out directly from your vet



(stamp)

Service

This info folder and other useful information is provided on our website www.laboklin.com. Under the heading "Vetinfo – Folder Help & Advice" you can read and download this information.



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LABOKLIN

GENETICS HORSE



HELP & ADVICE

The modern information series provided
by your vet and LABOKLIN

HELP & ADVICE

The name „LABOKLIN“ stands for excellence in veterinary laboratory diagnostics and service. We provide the veterinary community with a wide array of high quality laboratory analysis since many years. LABOKLIN also provides veterinary professionals, breeders and animal owners with genetic tests. Our DNA testing covers a wide range of inherited diseases as well as analysis of genetically imprinted characteristics. Additionally, we offer DNA profiles and parentage analysis.

Below, please find an overview of the tests we offer especially for horses. For further information do not hesitate to contact us. We continue to offer and develop new genetic tests to keep pace with the growing awareness of the risks associated with inherited diseases and the aim of many breeders, clubs, veterinary professionals and owners to control genetic disorders in various breeds. Please inform us if you do not find the desired test in the list below, contact details can be found on the back of this brochure.



Hereditary diseases

- Androgen insensitivity syndrome (AIS)
- Cerebellar abiotrophy
- Congenital myotonia
- Dwarfism
- Equine malignant hyperthermia (EMH)
- Foal immunodeficiency syndrome (FIS)
- Glycogen branching enzyme deficiency (GBED)
- Hereditary equine regional dermal asthenia (HERDA)
- Hereditary junctional epidermolysis bullosa (H-JEB)
- Hoof wall separation disease (HWSD)
- Hydrocephalus
- Hyperkalaemic periodic paralysis (HYPP)
- Idiopathic hypocalcaemia
- Immune mediated myositis & MYH1 myopathy (IMM/MYHM)
- Lavender foal syndrome (LFS)
- Naked foal syndrome
- Ocular squamous cell carcinoma
- Overo lethal white syndrome (OLWS)
- Polysaccharid storage myopathy (PSSM-1) in all breeds
- Severe combined immunodeficiency (SCID)
- Warmblood fragile foal syndrome (WFFS)



Coat colours

- Agouti (bay/black)
- Appaloosa pattern1
- Brindle
- Champagne
- Chestnut
- Cream
- Curly
- Dominant white* (W5, W10, W20)
- Dun zygosity
- GQ Santana dominant white*
- Greying*
- Incontinentia pigment
- Leopard complex
- Mushroom
- Pearl
- Roan zygosity*
- Sabino-1
- Silver dapple
- Snowdrop
- Splashed white
- Sunshine
- Tobiano

Performance:

- Predictive height test
- Speed gene* (in Thoroughbred horses)
- Tractability

DNA Profile (markers according to ISAG)

- DNA profile (identity)
- Parentage

*partner laboratory