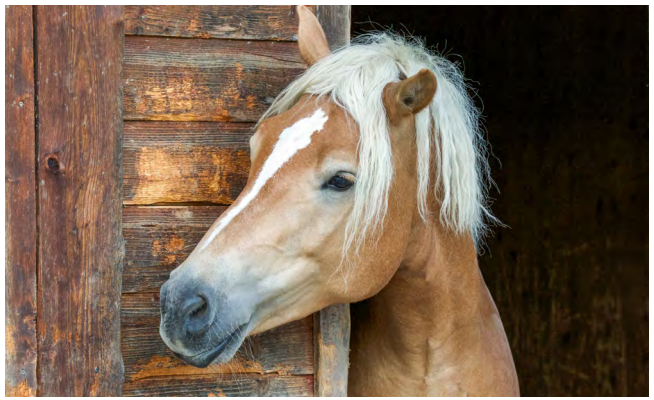
# Help & Advice



**Topic overview**

- **Hereditary diseases**
- **Coat colours**
- **Performance**
- **DNA profiles** according to international ISAG standard

**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.

## Laboratory profile

| | |
|---|---|
| Name: | LABOKLIN GmbH & Co. KG |
| Office: | Bad Kissingen |
| Founded: | 1989 |
| Type: | Laboratory for clinical diagnostics |
| Qualifications: | One of the leading laboratories in Europe |
| Operating in: | Europe, Asia, Arabian Peninsula |
| Team: | Over one hundred specialists and veterinarians |
| Extra: | Research projects at the federal level |

## 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 "Specialist information – Folder Help & Advice" you can read and download this information.

Carbon neutral
Print product
ClimatePartner.com/12518-1907-1001
by supporting environmental projects


LABOKLIN

D

Steubenstr. 4
97688 Bad Kissingen
**Germany**

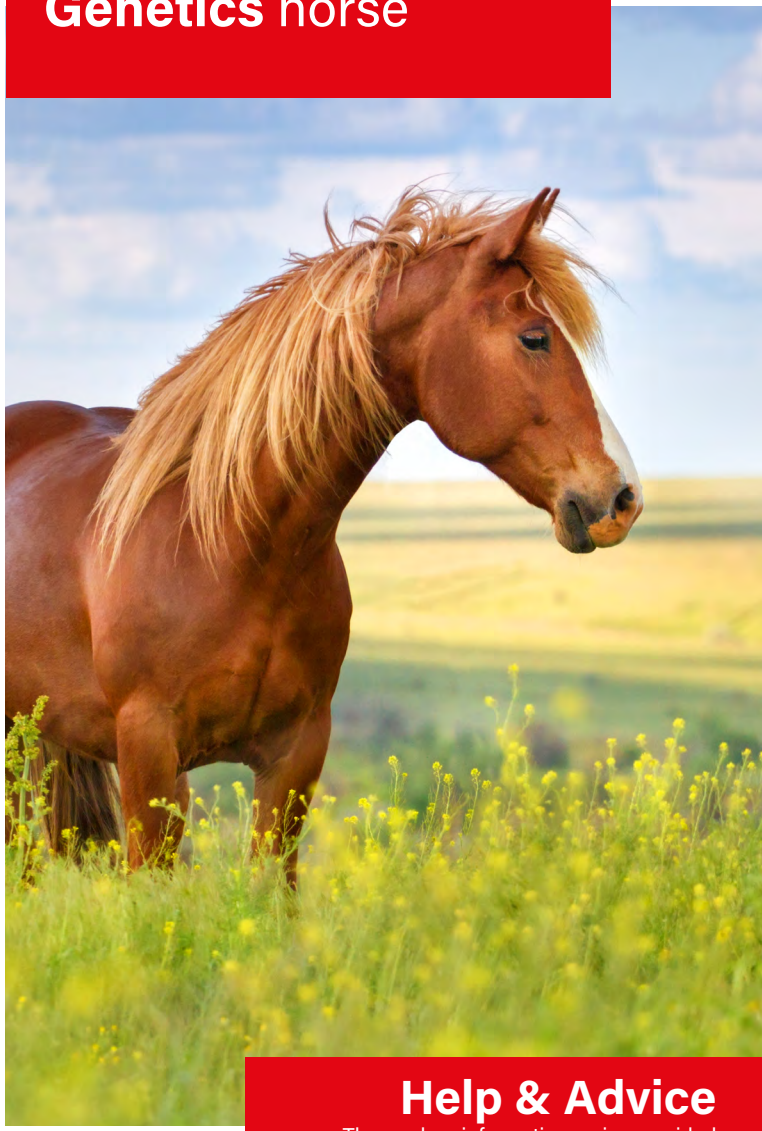
Tel. +49 971 7 20 25 05
E-mail info@laboklin.com
**www.laboklin.com**


**LABOKLIN Headquarters in Bad Kissingen**


As of: April 2025, Picture credits: Adobe Stock, Fotolia


LABOKLIN

# Genetics horse



## Help & Advice

The modern information series provided by your vet and LABOKLIN

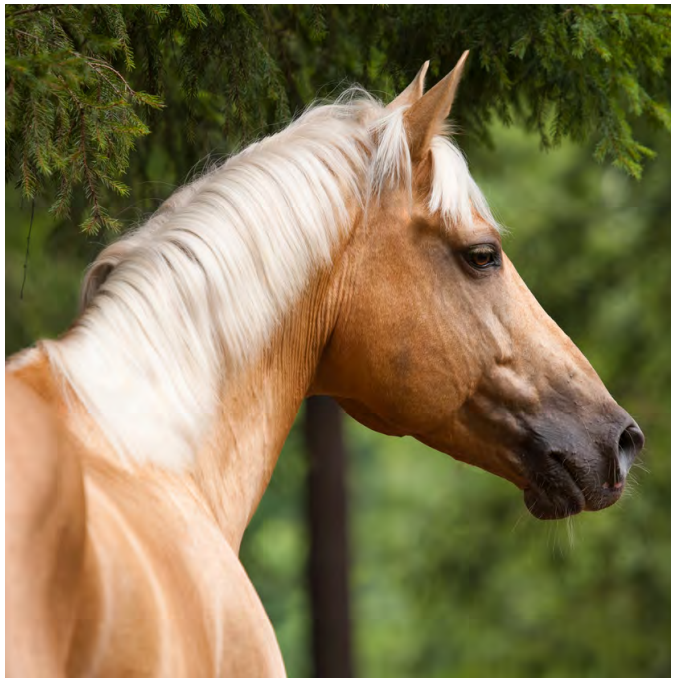
# Help & Advice

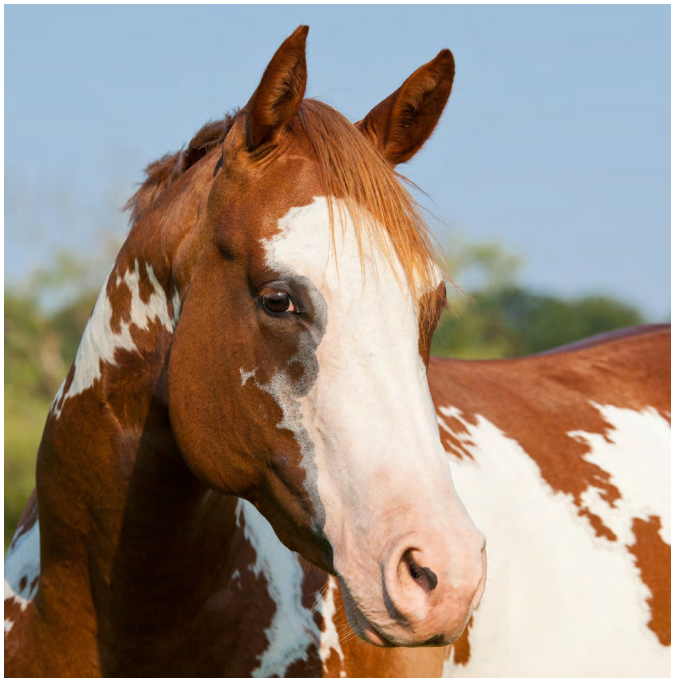
The name „LABOKLIN“ stands for excellence in veterinary laboratory diagnostics and service. Since many years we provide the veterinary community with a wide array of high quality laboratory analysis, also in genetics.

Below, you can find an overview of the tests we offer especially for horses. Please inform us if you do not find the desired test in the list, contact details can be found on the back of this brochure.

## Hereditary diseases

- Androgen insensitivity syndrome (AIS)
- Cerebellar abiotrophy
- Congenital myotonia
- Congenital stationary night blindness
- Distichiasis
- Dwarfism
- Equine malignant hyperthermia (EMH)
- Equine juvenile spinocerebellar ataxia
- Hereditary myotonia
- Foal immunodeficiency syndrome (FIS)
- Glycogen branching enzyme deficiency (GBED)
- Hereditary equine regional dermal asthenia (HERDA)
- Hereditary junctional epidermolysis bullosa (H-JEB)

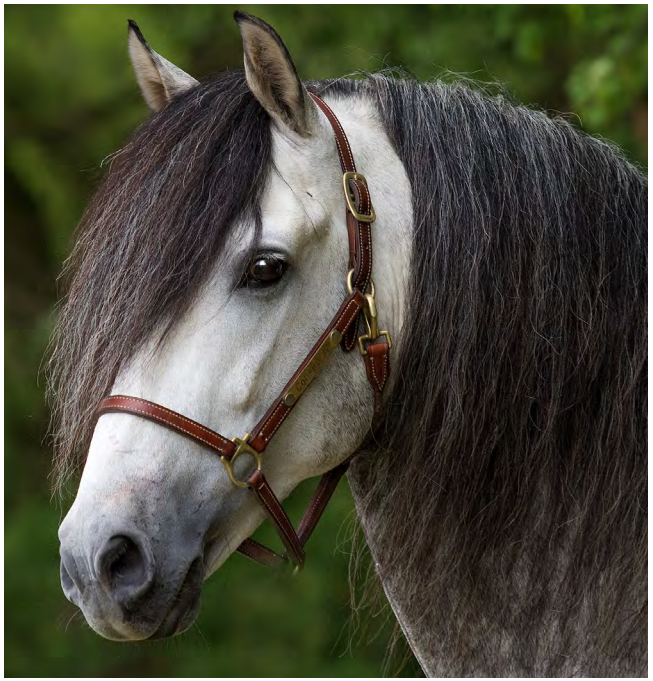




- Hoof wall separation disease (HWSD)
- Hydrocephalus
- Hyperkalaemic periodic paralysis (HYPP)
- Idiopathic hypocalcaemia
- Immune mediated myositis & MYH1 myopathy (IMM/MYHM)
- Lavender foal syndrome (LFS)
- Naked foal syndrome
- Occipitoatlantoaxial malformation
- Ocular squamous cell carcinoma
- Overo lethal white syndrome (OLWS)
- Polysaccharid storage myopathy (PSSM-1)
- Severe combined immunodeficiency (SCID)
- Skeletal atavism
- Warmblood fragile foal syndrome (WFFS)

## Coat colours (in all breeds possible)

- Agouti (bay/black)
- Appaloosa pattern1
- Brindle
- Champagne
- Chestnut
- Cream
- Curly
- Dominant white (W5, W10, W13, W20 und W22)
- Dun zygosity
- GQ Santana dominant white
- Greying
- Incontinentia pigment (Hyperpigmentation)
- Leopard complex
- Mushroom
- Pearl
- Roan zygosity
- Sabino-1



- Silver dapple
- Snowdrop
- Splashed white (SW1, SW2, SW3, SW4)
- Splashed White (SW5-8)
- Sunshine
- Tiger Eye
- Tobiano

## Performance:

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

## DNA Profile (markers according to ISAG)

- DNA profile (identity)
- Parentage

## 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.