

## Sample Submission for horses – Private

New customer |  Existing customer number: .....

Name: .....

Street/Nr.: .....

Postal Code/City: .....

Email Address: .....

Telephone: .....

### Optional:

Company: .....

VAT: .....

Studbook member: ..... Membership no.: .....

### Sample material:

Hair roots |  EDTA blood |  Other (please contact us before shipping)

Name of animal: ..... Sex:  Stallion/Gelding  Mare

Breed: .....

Reg. Nr. / UELN: ..... Date of birth: .....

Chip/Tattoo: .....

### I would like to order the following DNA tests/services:

(Overview and prices: <https://shop.generatio.de/en>)

Sample archiving (free for hair roots) Other test: .....

**MIM-6 Variants** (prev. PSSM2) Other test: .....

PSSM1 (Performed by partner laboratory) Other test: .....

Comment: .....

### Declaration of Sample Submitter:

**I have checked the identification of the animal.**

**The sample enclosed with this form comes from the specified animal and is clearly identified. For a correct laboratory analysis, we can only process samples that arrive correctly bundled.**

I am authorized to order analyses for the named animal and to receive reports. I have read and accept the terms and conditions as provided at [www.generatio.com](http://www.generatio.com).

I confirm that all the data provided are correct and that I am responsible for the completeness of ordering and animal data. When I receive the confirmation of my order, it is my responsibility to check the data in my online animal record for correctness and to understand that no animal data can be changed/updated after a certificate of results has been issued.

Location/Date: ..... Signature: .....

### Please send to:

Generatio GmbH – Center for Animal Genetics  
Blumenstr. 49  
D-69115 Heidelberg

**Witness declaration (optional):**

For the **use of the test results with breeding organizations or in case of sale/purchase of the animal**, we recommend that you complete all animal data on page 1 and have the identity of the animal confirmed by microchip or UELN by a veterinarian or studbook official.

**If you are testing your animal exclusively for your own interest, a witness declaration is not necessary!**

The undersigned certifies that the microchip number or the registry number/UELN (required on page 1!) has been checked during sample collection and that the submitted sample originates from the animal indicated on this submission form.

Name of witness: \_\_\_\_\_

Date: \_\_\_\_\_ Signature: \_\_\_\_\_

**Witness' practice stamp (required):**

## Notes on the further procedure:

New customers receive **2** e-mail messages when registering the trial:

1. about the **collection of personal data in accordance with the GDPR**, supplemented by instructions for activating the user account.
2. the **recording of the order data** including the ordered examinations.

Please activate your user account and check the animal and order data.

## You can make the payment via the 'shopping cart' of your user account.

The following payment methods are available:

- Direct debit (requires an account in Germany)
- Giropay
- Credit cards (VISA, Mastercard)
- PayPal

If the e-mail notification contains a reference to incomplete animal data, please open the relevant animal file and make the missing entries.

If the order also includes the storage of the sample, you can arrange for additional tests to be carried out at a later date. These can be initiated directly via your user account.

# Sample Collection Instructions: Hair sample for horses

## Hair Sample Collection

- 1** DNA can be isolated from the follicle (root) attached to the end of hair that has been plucked. Pull **60 to 80 hairs** from the mane and/or tail of the horse, making sure that there is a **follicle** attached to the end of each.  
**Important:** The hair must be pulled out - please do not cut! (see pictures below)! When removing the hair, no care products such as mane spray, cream etc. should have been used beforehand. If this is the case, only remove the hair after you have not used any care products for approx. 4 days. or wash the hair with clear water before removing it. Only remove the hair when it is dry.
- 2** The hairs should be taped onto the designated area of the sample card using the enclosed adhesive strip. Make sure that the adhesive strip does not touch the hair roots.
- 3** **Label the sample card according to the specifications.**  
Several samples can be sent in one envelope, but each sample must be packed in a separate sealable bag. It is not necessary to refrigerate the samples.  
**Important:** Please make sure that samples from different horses do not come into contact with each other. For a correct laboratory analysis, we can only process samples that arrive correctly bundled.



*The thicker part at the end of the hair are the hair roots. These can be white or black.*



*Prepared sample card: Please fill in the fields with your data.*

- 4** Optional: If the test results are to be officially recognized (by a breeding organization or for the purpose of selling or breeding the horse), the sample must be taken by a veterinarian who can confirm the horse's identity as a witness. This requires a stamp and signature of the veterinarian as well as the indication of the microchip (preferred) and/or the life number of the horse. If the test results are for your own use, a witness is not required. The witness statement must be recorded on the enclosed submission form.

## Shipping Instructions

Please pack the sample card in the enclosed envelope. Place it in the enclosed return envelope. Please include your correct return address. Please put sufficient postage on it.

For samples sent to us from outside the EU, please complete form CN22 (available at any post office) and stick it to the outside of the envelope. Please enter the VAT number in the field for VAT or EORI number: DE2160 3853 9402 593. Please do not send by courier. Further information on sending samples can be found here:

[www.generatio.de/en/information/sample-shipment](http://www.generatio.de/en/information/sample-shipment)

## Testing Process and Results

Processing of the sample begins immediately after receipt of the sample. You will receive an automatic notification as soon as we have received the sample.

You will receive the results by e-mail and they will also be available in your account.

Generatio GmbH

Blumenstr. 49  
69115 Heidelberg  
Deutschland

contact for horse samples:

support@generatio.com  
+49 7071 565 448 50 (Tel)

[www.generatio.de](http://www.generatio.de)

# Sample Collection Instructions: Hair sample for horses

## Test results in the digital animal file

- 1 Log in to your secure online animal data account, the „Animal Trust Center“:

[atc.generatio.de/en](http://atc.generatio.de/en)

Here you complete the missing information about your animal, which will later appear on the findings and certificates.

The screenshot shows the 'General' section of the 'Baroness' animal record. The 'Base data' section is active, showing fields for 'Call Name' (Baroness), 'Species' (Horse), 'Race', 'Sex', 'Born', and 'Deceased'. There are also options for 'For hybrid breeding', 'Born' (No date selected), and 'Deceased' (No date selected). A 'Change picture' button is visible next to a horse icon, and a 'Select image' button is below it. The interface includes a navigation menu on the left and a top bar with 'Go to shop', 'generatio.de', and 'My account'.

### Complex characteristics

Article name	Test name	Marker name	Allel 1	Allel 2	Explanation	
MIM-6 Var. (prev. "PSSM2")	<a href="#">Certificate</a>	P2	MYOT	n	n	<a href="#">Show</a>
		P3	FLNC	n	n	<a href="#">Show</a>
		P4	MYOZ3	n	n	<a href="#">Show</a>
		Px	CACNA2D3	n	n	<a href="#">Show</a>
		P8	PYROXD1	n	n	<a href="#">Show</a>
		K1	COL6A3	n	n	<a href="#">Show</a>

- 2 Once your horse sample has been processed, you will receive an automatic e-mail with your results.

## Further questions:

Do you have any questions about your results or sample shipment?

Please contact us at: [support@generatio.com](mailto:support@generatio.com)



In addition, we have compiled a selection of answers to the most frequently asked questions on our website: [www.generatio.de/en/faq](http://www.generatio.de/en/faq)