

# Instructions for taking hair samples of horses at inspections

This instruction will show you how to obtain a correct hair sample in order to collect a horse's DNA. The KFPS sends this hair sample to their partner Neogen, where the DNA can be established via the GGP Equine 70K chip.

Necessary materials: Neogen hair sample card and a pair of scissors



- 1 Make sure the hair is free of dirt and take a tuft of mane of at minimum 30 hairs. Preferably from the underside of the mane so that the mane still looks nice and full.



- 2 Pull (do not cut) the hair from the mane so that the pulled mane includes the hair roots. The hair roots contain the DNA and have to be intact and clearly visible for testing. Make sure the hair sample remains compact and that the hair roots stay together.



- 3 Open the Neogen hair sample card and open the plastic part. Avoid touching the plastic and the paper below it.



- 4 Place the hair roots in the middle of the hair sample card. Fold the plastic over the hair roots and then close the flap of the hair sample card.



- 5 Cut away the excess hair that extends from the hair sample card. Write the name and registration- or chip number of the horse in the designated spaces. Keep the bar code free so that it can be scanned by the Studbook (so do not stick chip stickers over the bar code).

Collect all hair sample cards in one bunch for the KFPS to process.