

SAMPLING INSTRUCTIONS TO OBTAIN EQUINE HAIR  
FOR DNA TYPING

PLEASE NOTE: HAIR SAMPLES CAN BE TAKEN BY THE OWNER, PLEASE SIGN YOUR NAME ON THE BAG ONCE YOU HAVE TAKEN THE SAMPLE

ITEMS YOU WILL NEED:

SELF SEALING SAMPLING PACKET      CLEAN HANDS    MANE COMB

SAMPLES SHOULD BE FROM THE HORSE'S MANE OR TAIL HAIR (NOT BODY HAIR) AND BE PULLED SO THAT THE ROOT BULBS (FOLLICLES) ARE CLEARLY VISIBLE.

1. Thoroughly wash and dry your hands. Clean comb by removing all hair and foreign matter.
2. Comb mane/tail of horse being sample to remove foreign material from the mane/tail.
3. Pull (DO NOT CUT) 20-30 mane/tail hairs by wrapping mane/tail hairs around forefinger. Grasp hair close to horse's body to ensure roots are obtained. Pull straight towards your body. If you look closely at the ends you will see the root bulbs on the hairs.
4. Place the mane/tail hair with root ends in the packet provided, having first completed the details on the outside of the packet. (WE MUST HAVE THE ROOT ENDS TO TEST.)
5. Place packet into a return envelope and send to:  
  
Grassroots  
PO BOX 251  
Exeter  
EX2 8WX
6. If sampling multiple horses WASH HAND or put on clean surgical gloves before starting the next horse. This will reduce risk of cross contamination of DNA samples between horses.
7. For each horse repeat steps 2-6.

THE ABOVE IS FOR IDEAL CONDITIONS, PLEASE DO THE BEST YOU CAN!

An example of a DNA sample

