



Equine Sample Collection Instructions

Hair

Supplies needed: hair cards, provided by NEOGEN®.

1. Make sure the mane is clear of dirt and debris.
2. Pull (do not cut) hair from the mane. The hair roots (follicles) contain the DNA and must be intact for testing.
3. Roots must be clearly visible. Approximately 30 hair roots are needed.
4. Open the hair card collector and peel back the plastic cover. Insert the root end of the hairs in the middle of the collector. Seal the plastic cover over the hair roots and then close the collector cover tab.
5. Trim excess hair extending from the collector. Write animal ID and other information in the spaces provided (do not cut off follicles, which contain the DNA).
6. Be sure to duplicate the same animal ID and information from the blood card on your order form to match the DNA results to the animal.
7. If hair is submitted loose in an envelope or bag, a fee will be assessed for sample preparation at the lab.

Blood

Supplies needed: blood card, provided by NEOGEN or ETDA (purple top) blood tube.

If submitting blood in a tube, a minimum of 1 mL of blood is needed.

Blood can also be spotted on a NEOGEN hair card:

1. Before placing blood drops on the card, record the animal ID and other information in the spaces provided.
2. Dispense 2–3 drops of blood from a syringe to fill the black circle on the collection card.
3. Let the card sit open and air dry before closing the cover flap. If blood is sticky and gets on the top of the card, the sample is not useful.

Atypical sample types such as tissue or semen can be accepted for an additional fee. Contact us for more details.