

Instructions for Submitting a Blood Card DNA Sample



1 **Contact the American Hereford Association (AHA) customer service team to request a DNA submission form (DNA kit.)** Provide the animal's registered or unregistered number and specify which DNA test(s) are to be performed.

AHA generates a DNA submission form and sends it to the member by email or mail. The DNA submission form contains a barcode that's used by the lab to identify the animal and its testing information.

2 **Obtain a DNA blood card.** Members may order blood cards from AHA customer service for \$0.50 each — minimum order of 10.

3 **Procedure for collecting blood card DNA sample**
Note: Blood can be drawn from any method deemed desirable. Call AHA customer service if you have any questions.

- Record the animal's name and ID on the DNA blood card.

(Name)	_____	drying storage / shipping
(Animal ID)	_____	
(Signature)	_____	
(Date)	_____	
- Fill the blotting paper section of the blood card with blood and saturate just enough to fill the circle, but not enough to make the card soggy.
- Insert the blood card lid into the top slit (slit closest to blotting paper) and leave card in a clean area to dry at room temperature (12hrs).
 - Do not use a heat source for drying.
- When blood card is dry, open lid and insert into bottom slit for storage or shipping.
 - Never place the blood card in a sealed plastic bag.
- Tape the dried blood card to the DNA submission form.
 - The barcode on the back of the blood card is NOT the same as the barcode on the DNA submission form. Blood cards sent to GeneSeek without a DNA submission form won't be accepted for testing.
- Mail DNA submission form with taped blood card directly to Gene Seek in an envelope.
 - GeneSeek
4131 N. 48th St.
Lincoln, NE 68504

Results are made available within 3-4 weeks from the time the lab receives and acknowledges the DNA sample.

- DNA Tests:**
- Basic test** — \$38 (no bulk rate available) includes profile, parentage (if parent DNA is on file), and abnormalities.
 - GE-EPD test** — \$55 (no bulk rate available) includes profile, parentage (if parent DNA is on file), abnormalities and GE-EPDs.
 - Horn Polled (H/P) test** — \$45 per head the test only tests for the horned/pollled gene. Does not identify scur genes.
 - Full package** — \$85 includes profile, parentage (if parent DNA is on file), abnormalities, GE-EPD, and H/P.