



North American Shagya-Arabian Society, Inc.

A 501 (c) (5) Tax Exempt Organization

www.Shagya.net

DNA TYPING TEST REQUEST FORM

Horse:

Name of Horse: _____
Sex: _____ Color: _____
Registry Number: _____ Date of Birth: _____
Sire: _____ Sire Registry: _____ Number: _____
Dam: _____ Dam Registry: _____ Number: _____

Owner:

Name: _____
Address: _____
City: _____ State: _____ Zip Code: _____
Country: _____
Telephone Number: (____) _____
E-mail: _____

Signature of Recorded Owner: _____

Signature of person taking sample: _____

Date: _____

See page 2 for collection instructions for **Hair Samples** or **Blood Samples**.

Tape ~30~ hair strands with follicles in area below.
DO NOT TAPE OVER FOLLICLES !!!!

Insert in envelope; enclose check for \$40 **made out to NASS** and send by **First Class mail to Elaine Kerrigan**:

**NASS Registrar
Elaine Kerrigan
1479 Freshwater Road
Eureka, CA 95503
707-443-0215**



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Directions for DNA Typing:

HAIR FOLLICLES:

Hair follicles are an easy source of DNA for parentage testing. For a mature animal, collect ~30~ hairs with follicle (bulbs) attached from the mane – take a comb, wrap around the hair and yank! Mane hairs in foals tend to be brittle, so the tail hair is a better source for collection.

The hair follicle sample can be sent in an envelope by standard mail – no need for refrigeration or overnight delivery.

DNA testing is available to generate DNA types and perform parentage testing. The University of Kentucky uses a panel of 13 microsatellite markers for standard testing. DNA can be extracted from hair, blood or any tissue.

DNA types and Bloodtypes are NOT interchangeable. The lab may be able to perform a parentage analysis on a foal that has been DNA typed but whose parents have been bloodtyped if the lab has stored serum samples for the parents that were previously bloodtyped for NASS. **Contact the NASS registrar if you wish to have this ordered.** The charge is \$40 per parent.

BLOOD SAMPLES:

DNA testing can also be performed on a new sample of whole blood. Please call the University of Kentucky laboratory for directions on collection and shipping of whole blood. The sample must be sent directly to the University of Kentucky laboratory. Their phone number is 859-257-1165.

At the time of specimen shipment to the University of Kentucky, send this form to the University of Kentucky laboratory and ALSO send a copy of this form and a check to NASS for \$40 to the NASS registrar Elaine Kerrigan.

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