

# DNA Profile Testing Information

Our DNA Committee, Chaired by Director Eli Schrock, has done a remarkable job working with U.C. Davis Veterinary Genetic Laboratory to prepare for our members a DNA testing program that was approved by the Board several years ago. The Committee has learned the many needs and benefits of DNA. Other breeds feel it not only strengthens the integrity of their breed but also adds buyer's confidence for higher prices. The Committee reports that all Sales they have spoken with intend to catalog reference the DNA. We are proud to be offering DNA!

1. For 2019, all Breeding Stallions must have on file their DNA profile by December 31st for their 2020 foals to be registered. (See *DNA Request Form* for all horses on next page)
2. Members are encouraged to DNA any and all horses, especially mares, on a voluntarily basis. This will help to faster build the database for complete parentage verification.
3. In 2020 and thereafter, all foals shall be DNA profiled at the time of registration. The Registration Application Form will have the DNA request on it and all fees will be paid at that time.
4. All test kits will be ordered through ADHHA. Several tests may be done at the same time with cost savings.
  - a. DNA \$ 40.00 (Total of \$40)
    - i. Homozygous Black - with DNA add \$ 30.00 (Total of \$70)
    - ii. JEB- with DNA add \$ 40.00 (Total of \$80)
  - b. Homozygous Black without DNA \$ 40.00 (Total of \$40)
  - c. JEB without DNA \$ 50.00 (Total of \$50)



Using the DNA Request Form, complete the information needed, select the tests desired and return to ADHHA with payment and a copy of the original papers. ADHHA will send to you by mail (or e-mail) the test kit. It has easy to follow instructions for pulling 20 to 30 mane or tail hairs with the root bulb attached, taping the hair samples on the form and mailing it to the Lab in a self-addressed envelope.

ADHHA will send you a postcard with the DNA case file number or other test results that can be attached to the papers. If you wish to have new papers printed with the case number and results on them, it can be done for a reprint fee of \$30. You will need to submit the original papers.

If your horse has DNA on file with another Registry that does not use the U.C. Davis Lab, ADHHA must request the profile for your horse. There are fees associated with obtaining the profiles and for the Lab to enter the profiles into their database. At this time, ADHHA believes that can be done for \$25, but is subject to change if needed. DNA profiles for Saddlebreds, Morgans, American Hackney Society, KWPN North America and most Friesians are in the U.C. Davis Lab database.

The U.C. Davis Lab requires we allow 10 working days to complete their work. Please allow three weeks from the time the lab receives your samples and paperwork. We will be updating the membership as we learn more and grow!