



# American Brabant Association

Est. 1999

## DNA Testing

The American Brabant Association promotes the capturing of the DNA “fingerprint” of American Brabant horses and encourages owners to voluntarily test their horses. Once tested and recorded, horses’ genetic markers can be compared to their sires’ and dams’ genetic markers to verify parentage. Genetic parentage/identification testing needs to be done only once in a horse’s lifetime.

The ABA has contracted with the *University of Kentucky Genetic Testing at Gluck* to handle DNA parentage/identification, PSSM1 and JEB1 testing. The ABA Registry will maintain a database of the results.

The ABA encourages all American Brabant horses, but particularly stallions, to be tested for parentage/identification, PSSM1 (Polysaccharide Storage Myopathy) and JEB1 (Junctional epidermolysis bullosa).

As the ABA Registry matures, DNA testing may become a requirement for all registrations. Ideally, over time, all American Brabant horses will be genetically tested and have their markers on file. At that point, the identity and lineage of any registered American Brabant horse can be assured.

If you do not have DNA testing done now, consider collecting and storing mane hairs (for adult horses) or tail hairs (for foals) from your horse. Store 50-100 hairs. The hair follicles contain the DNA needed for future testing.

If you chose to have DNA testing done:

Submit the ABA DNA Testing Request form and appropriate fees to the American Brabant Registry Office.

- 1) The Registry office will then email back to you the DNA Analysis form that will be used to send the sample to the University of Kentucky.
- 2) Tape the mane or tail hairs of the appropriate horse onto the DNA Analysis form. These hairs must be pulled and not cut. If the horse is less than 1 year old it is recommended that you pull tail hairs and if older than 1 year old that you pull mane hairs from near the withers. 50-100 hairs are required for the test.
- 3) Send the form and hair sample to the lab. Their address is listed on the DNA Analysis form.
- 4) The ABA approved lab at the University of Kentucky will perform the DNA genetic marker tests.
- 5) The results will be returned to the ABA Registry Office.
- 6) Once recorded in the ABA database, a copy of the genetic results will be emailed to you.
- 7) You should print them out and keep them with your horse’s ABA Registration Certificate.
- 8) Please allow 4-5 weeks for the results to be returned to you.

Fee: Parentage testing	\$40 USD for members and non-members
PSSM1 testing	\$60 USD for members and non-members
JEB1 testing	\$50 USD for members and non-members



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## DNA TESTING REQUEST

Today's Date: \_\_\_\_mm\_/\_dd/\_yyyy

Name of Horse: \_\_\_\_\_

ABA Registration # \_\_\_\_\_ (if registered)

Gender:  Stallion  Gelding  Mare

I am requesting:  Parentage/Identification  PSSM1  JEB1

Owner Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province: \_\_\_\_\_ Country: \_\_\_\_\_

Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Email: \_\_\_\_\_

I, \_\_\_\_\_ am requesting DNA testing and certify that the sample I submit to the lab is from the horse listed above. I understand that I will receive a copy of the DNA test results and that those results will also be recorded at the ABA office and at the lab for their use.

Signature \_\_\_\_\_

<b>Fee:</b> Parentage testing	\$40 USD for members and non-members
PSSM1 testing	\$60 USD for members and non-members
JEB1 testing	\$50 USD for members and non-members

**PAYMENT:** Payment can be made by check, money order

Or PayPal account [ABAffice@americanbrabant.org](mailto:ABAffice@americanbrabant.org) or [Registry@americanbrabant.org](mailto:Registry@americanbrabant.org)

**SUBMIT:** Send this DNA Testing Request form to the

**American Brabant Association P.O. Box 181 Isanti, MN 55040**

Or

Send .pdf file via email to [Registry@americanbrabant.org](mailto:Registry@americanbrabant.org)