

Canine Developmental Health and Performance Registry

PO Box 9 • Portage MI 49081
Phone (269) 381-2183 / Toll Free: 1-888-548-7362
Visit our website at www.CDHPR.com

Application for DNA Profiling

Type or print clearly one form for each sample submitted.

(For Office Use Only)

Fee _____

In Date _____

Received By _____

Date Kit Mailed _____

Kit Mailed By _____

Paid By _____

Registration # _____

Profile In _____

Profile Sent _____

Profile Sent By _____

Date Completed _____

Completed By _____

1. Select DNA Service:

⇒ DNA PROFILE

\$45.00

Registrant may apply to DNA Profile any dog registered in their name. The registrant will receive a *Certificate of DNA Analysis* reflecting the DNA status of that dog. The DNA status will appear either as DNA-P or DNA-VIP if the dog's parents have also been profiled and are compared and verified to the dog being tested.

⇒ DNA Certification

\$8.00 (increases to \$10 January 1, 2009)

For a dog that has been profiled by MMI Genomics, Inc., but not through the CDHPR. This procedure records your dog's DNA on CDHPR records. **Copy of Certificate of DNA Analysis from MMI Genomics must be attached.** No sample is required.

⇒ DNA Transfer of Ownership

\$15.00

To transfer registrant's information on the DNA database. A new *Certificate of DNA Analysis* will be issued to reflect the new registrant's information. No sample is required.

⇒ Duplicate Cert of DNA Analysis

\$15.00

To duplicate a Certificate of DNA Analysis that was lost, stolen or destroyed. A duplicate certificate will be issued only to the registrant. Please include a written explanation for the request.

⇒ DNA - VIP Upgrade

\$5.00

Dog is automatically upgraded to verify identified parentage (DNA - VIP) when dog's sire and dam have been profiled compared and verified. For a DNA - VIP certificate choose this option.

2. Select Method of Payment:

Method of Payment

Check

Money Order

MasterCard



Visa



For Office Use Only: Date _____

Total Charges _____ Processed By _____

Authorization # _____

Name of Cardholder _____ Signature _____

Cardholder Address _____

Charge Card Number _____ Expiration Date _____

Please make your check or money order payable to: CDHPR • All payments must be in U.S. Dollars. Please, no cash.

3. Make sure the following information is complete and accurate.

Dog Information

CDHPR Registered Name _____

Breed _____

Date of Birth _____

CDHPR Number _____

Sex Male Female Color _____

Sire's CDHPR Number _____

Dam's CDHPR Number _____

If registered with another registry, registry name _____

Other registration number _____

Registrant Information

Name of Registrant (please print) _____

Street Address _____

City, State, Zip _____

Phone # (include area code) _____ / E-Mail Address _____

4. Read and sign statement below.

Certification*

I hereby certify that the information provided on this form is true and correct to the best of my knowledge. I understand that the sample I have submitted may be archived for future analysis. I have read and understand the rules governing DNA profiling & certifications on the reverse side.

Registrant's Signature _____ Date _____

*All applications must be signed and dated by the registrant. Unsigned applications will not be accepted.

Test results will be mailed only to registrant. Please allow 4-6 weeks for delivery.

See reverse side for additional Rules Governing DNA Profiling and Certification.

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Rules Governing DNA Profiling & Certifications

- Paperwork mailed in with DNA will not be held unless indicated to do so or unless DNA is required prior to registration with the CDHPR.
- All applications must be filled out completely. If any portion of the application is left blank it may cause a delay in the processing of your dog's profile.
- All applications must be signed by the registrant of the dog that is being profiled. Only the registrant's signature will be accepted.
- All CDHPR litter-registered dogs must be permanently registered before they can be DNA Profiled.
- Canine Developmental Health and Performance Registry allows dogs to be DNA Profiled even if they are not registered with the CDHPR. DNA does not make the dog eligible for CDHPR registration.
- Individuals who have profiled their dogs with MMI Genomics, but not through the CDHPR, may certify their dogs by sending a copy of the *Certificate of DNA Analysis* and a completed DNA Application. See DNA Certification on the front of this application for further instructions. The CDHPR will acknowledge DNA results only from MMI Genomics.
- Dual-Sired litters are permitted. A dual-sired litter application is available upon request. In order to file for a dual-sired litter, both sires, the dam, and all of the puppies must be profiled to allow comparison to each possible set of parents. Once the correct parentage of each pup has been established, the litter will then be registered. Please contact the DNA Department at the CDHPR for further information.
- All DNA information is considered confidential. DNA results will be released only to the registrant.
- The CDHPR, reserves the right to correct, withhold or revoke any registration certificate or pedigree resulting from DNA exclusions.
- The CDHPR reserves the right to require any dog or dogs to be DNA profiled at the registrant's expense pursuant to the maintenance of the integrity of CDHPR records. A person who refuses to consent to DNA profiling a dog over which he/she is the registrant may be barred from all CDHPR privileges.
- Please verify the following items have been included with swab envelope before mailing.
 - a. completed application for DNA profiling (including registrant's signature);
 - b. DNA sample (enclosed within the DNA test swab envelope);
 - c. proper fee (if not prepaid)

What is DNA?

DNA is the genetic blueprint found in every living cell—skin, hair, blood, semen, etc. A DNA sample smaller than a grain of sand can accurately establish or verify any dog's:

- ⇒ **Identity.** Every dog has a unique genetic pattern. This is what we call the “DNA Profile.” Once a dog has been profiled, this evidence of its identity can never be changed. Microchips can be removed and tattoos can fade but your dog's DNA Profile is absolutely unchangeable.
- ⇒ **Parentage.** Each dog inherits his genetic profile from his parents and cannot have any pattern that is not inherited from his sire or his dam. Genes come in pairs with each parent contributing one of the genes in each pair.

To prepare a DNA Profile, at least ten different genetic locations are identified in your dog. If, for example, the first location identified on your dog has genes labeled “B” and “Y,” that means that your dog inherited a “B” gene from one parent and a “Y” gene from the other. When the parents are tested, that exact same location will be examined. To continue this hypothetical example, assume the sire is “BC” and the dam is “YC.” These two parents could have produced the four possible combinations in the table below:

Sire ↓ Dam ⇒	Y	C
B	BY	BC
C	CY	CC

Since “BY” appears in that list, we have our first match. Just one match is not enough to be certain that this sire and dam produced your dog, but each time there is a match, the odds increase that these two are the parents of your dog.

Suppose now, that the sire had tested “CC” and the dam “YC.” It is immediately obvious that neither parent could have contributed a “B” gene to your dog. The sire is excluded as a possible parent but the dam is still included as a possible parent.

What can DNA testing do for you?

When analyzed in the laboratory, a dog's DNA reveals a unique pattern its *DNA profile*. DNA profiles allow you to:

- ⇒ **Establish a permanent record of identity for any dog.**
- ⇒ **Determine individual paternity for separately sired siblings.**
- ⇒ **Provide bitch owners with guaranteed stud service.**
- ⇒ **Verify artificial insemination.**
- ⇒ **Resolve breeding disputes.**
- ⇒ **Guarantee puppy buyers a solid pedigree.**

The DNA Profile (DNA-P) and the Verified Identified Parentage Program (VIP).

- ⇒ **DNA-P** - For any CDHPR-registered dog that has been profiled but whose parents have not been tested, the CDHPR has reserved the special designation “DNA-P” to recognize the genetic identification of the dog.
- ⇒ **DNA-VIP** - The CDHPR has reserved the special designation “V.I.P.” for any CDHPR-registered dog that has been profiled AND whose parents have also been profiled AND verified as his parents.

THE “DNA-P” AND “DNA-VIP” DESIGNATIONS WILL APPEAR FOLLOWING THE CDHPR REGISTRATION NUMBER ON THE CDHPR PEDIGREES OF DNA-PROFILED DOGS.