

# DNA Proof of Parentage

## Directions for the Breeder



- 1) Purchase a DNA Proof of Parentage kit for each dog to be tested, including the dam.
  - a) Even though you know who the dam of the puppies is, she must still be tested. The analysis program must have a DNA profile of the dam, as well as the sire and the puppy, in order to return a parentage analysis result.
  - b) Once a dog has been tested, you will never need to retest that dog. Simply retain the DN numbers for all your dogs to include them in any future parentage analyses.
- 2) The DN numbered collar tag in the kit has a unique DN number. That DN number is your permanent reference number for your dog's DNA sample and World Pet Registry profile. This DN number will be used in the parentage analysis, pedigree building and will follow your dog for life.
- 3) **IMPORTANT** - Immediately affix the DN numbered collar tag to each dog when he or she is swabbed to ensure proper matching of the dog to its DN number.
- 4) Collect two cheek swab samples for the dog by following the detailed instructions included in the kit to ensure that adequate DNA is collected.
- 5) Affix the DN numbered stickers to the swab sleeve and the sample information card so that they match up with the DN numbered collar tag which you previously placed on your dog's collar.
- 6) Return the swabs with the sample information card in the prepaid return envelope to BioPet Vet Lab.
- 7) When the swab samples arrive at BioPet, you will receive an e-mail with instructions on how to set up your DNA World Pet Registry account. You should enter kennel and dog information at this point while the DNA is being processed. **Your DNA World Pet Registry account must be set up before you can perform parentage analysis.**
  - a) Log onto the DNA World Pet Registry with your username and password.
  - b) Enter the pedigree information for the sire and dam of the puppy being tested if you want that information to appear on your DNA certificate.
  - c) Due to the fact that the DNA certification begins with the sire and dam you should manually enter their pedigree up to three generations.
  - d) The above creates a base record; the pedigrees of all offspring of these parents or their descendants will automatically be generated from this information assuming they are DNA certified.
- 8) Once the swabs are processed and the DNA profiles are available online, you will receive a second e-mail notification. This email will include instructions on how to perform the parentage analysis.

- 9) To perform your parentage analysis:
  - a) Log onto the DNA World Pet Registry with your username and password.
  - b) Click on the My Business Tab to go to the parentage analysis tool.
  - c) Select a puppy from a list of your non-certified puppies.
  - d) Enter the DN number for the sire in the sire field.
  - e) Enter the DN number for the dam in the dam field.
  - f) Click the “Analyze” button.
  - g) The website database will pull the DNA profiles of the sire, dam and puppy and perform a DNA comparison.
  - h) You will be taken to a new page with your results.
    - i) If you received a result of “Qualified” you will be given a link to your printable DNA certificate.
      - (1) This certificate will also be available through your dog’s profile page.
      - (2) If this is the first dog on the certificate to be DNA verified, only the first generation will appear on the pedigree with a DNA Certification Seal. The other generations will appear according to the information you entered without a DNA Certification Seal.
      - (3) As you DNA certify more dogs in your bloodline, the DNA Certification Seal will appear for every relationship that has been verified. Over time, your entire multiple generation pedigree would be DNA verified.
      - (4) The database features of the DNA World Pet Registry will store all your pedigree information as well as DNA certifications to automatically generate updated pedigrees as you continue to test future dogs.
    - ii) If you receive a result of “Disqualified” that means that one or both of the parents cannot be the parent of the puppy according to the three DNA profiles submitted. If you believe this is in error, first rerun the analysis, double checking that the DN numbers you entered are correct. If the disqualified result remains, you may call BioPet Vet Lab to review the results with a Parentage Analyst.
- 10) Once your dogs are registered on the DNA World Pet Registry, you may elect to do the following:
  - a) Display photos and profiles of your available puppies on the “For Sale” portion of the DNA World Pet Registry.
  - b) Reprint a DNA Proof of Parentage certificate directly from the web site.
  - c) Transfer the Pet ID membership of the puppy when you sell to a new owner.
    - i) This transfers only that dog’s portion of the site to the new owner.
    - ii) The new owner has only to add his email address and change the password to keep his records private.
    - iii) You retain a record of the puppy and the contact information of the buyer in your kennel’s private portion of the website.
  - d) Manage your dog profiles and bloodlines
    - i) Use the web based tools to securely record your dog information, photos, pedigrees, breeding history, medical information and more.
    - ii) Once your dogs’ profiles are entered, you never have to reenter that information. You can build pedigrees for new puppies simply by performing a DNA certification with sires and dams already in the registry.
    - iii) Upload new photos and information to inform about your dogs’ show entries and awards.

- e) Coordinate with other breeders - whether breeding local or via a semen sample through the mail, use DNA Proof of Parentage to DNA certify your puppies simply by sharing the DN number of the parent with the other breeder.
- f) Advertise Breeding Services - Register your dogs and advertise stud or bitch availability to breeders worldwide.
- g) Breed or Club Registries - Adopt a DNA program for your breed club by registering all member dogs, and then use that information to confirm parentage, promote the integrity of the club, sell puppies and maintain your club records.