

<http://www.akc.org/dna/index.cfm>

DNA Requirements

AKC DNA Profiling is required for: Frequently Used Sires (dogs having the greatest impact on the AKC Stud Book); imported breeding stock; dogs whose semen is collected for fresh-extended or frozen use; and for the sires, dam and puppies for Multiple-Sired Litter Registration.

Artificial Insemination

<http://www.akc.org/reg/artificialinsemination.cfm>

The AKC will register a litter that is produced through artificial insemination, provided that the following conditions are met.

For Fresh Semen:

- Sire and dam must both be present during the extraction of semen and the insemination of the bitch.
- The breeder completes and submits an Application to Register a Litter Resulting from Artificial Insemination Using Fresh Semen with the proper fee.

For Fresh Extended Semen:

- The breeder completes and submits an Application to Register a Litter Resulting from Artificial Insemination Using Fresh Extended Semen containing the certifications completed by the person(s) that performed the extraction and the insemination.
- Sire must be AKC DNA certified.

For Frozen Semen:

- The collection of semen for the artificial breeding must be reported to the AKC with DNA certification. If the semen was collected after October 1, 1998, the sire must be AKC DNA Certified.
- The collector/storer must be on record with the AKC as familiar with and complying with the AKC regulations for record keeping and identification of dogs.
- The Application to Register a Litter Resulting from Artificial Insemination Using Frozen Semen must be submitted containing the certifications completed by the owner of the semen, the owner of the dam and the veterinarian who performed the artificial breeding, with the proper fee.
- All sire owners must sign the form transferring ownership of the frozen semen.

DNA Operations

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DNA Operations uses DNA genotyping to ensure the accuracy of the Registry. This is accomplished through DNA testing during routine kennel inspections with the Compliance Audit Program, through voluntary submissions for the Parent Breed Club Program, and through the DNA Certification Program.

Per AKC DNA Operation:

1. To use semen from a dog, must have AKC DNA certification. DNA kit can be obtained from AKC. Takes 4-6 weeks to get DNA test results.
2. As long as dog is from breed recognized by AKC, can submit DNA test to AKC. If dog is not AKC registered, it still must have AKC DNA test (leave the AKC number blank).