

# Getting Started: Sample Submission

When submitting samples to the Igenity® Dairy Heifer Program, it is important to provide all the necessary information in order to get the most accurate and timely results. First, talk with your sales representative and decide which testing option and sample type will work best for your operation.

Take samples from desired animals and mail samples to Neogen® along with a copy of the submission form to identify the samples. All sample submissions should be sent to the address below.

The submission form needs to be fully completed with accurate information and emailed to your sales representative who will approve the submission. All of the required information must be included for the samples to be processed by USDA-AGIL. As much of the preferred information that is available should be included for the most reliable results.

See below for more information on required and preferred fields:

## REQUIRED

- **Contact information:** Including name, address, email and DHIA herd code.
- **Payment information:** Payments can be made to GeneSeek® using MasterCard, Visa, or check.
- **Sample barcode ID:** Each sample type contains a unique barcode that must be recorded for sample identification.
- **Farm ID:** The farm animal ID number refers to an ear tag or vaccination tag that provides a unique identification to each animal on farm.
- **Animal registration number:** If the animal is registered with a breed association, the animal's registration number needs to be provided. This will allow the breed association to connect animal families that have been genotyped. If the animal is not registered, a radio-frequency identification (RFID), animal identification number (AIN), or unique ear tag number can be provided. AIN is a unique 15-digit number starting with 840 that must be submitted to the USDA's Animal Identification Management System.
- **Breed:** Holstein, Jersey and Brown Swiss cows can be tested. All animals need to be 87% purebred dairy cattle to be eligible for genetic testing.
- **Sex:** Male or female
- **DOB:** Date of birth should be given in the form of YYYY/MM/DD.
- **Multiple birth status:** Specify whether the animal was a single birth (S), twin (T) or a birth from embryo transfer (ET).

## PREFERRED

- **Sire information:** Sire registration number is strongly encouraged for all submissions. If the registration number is unknown, the NAAB number can be provided. The use of NAAB numbers are discouraged as using NAAB codes require transformation to sire registration numbers for nomination.
- **Dam information:** Dam information is strongly encouraged if this information is available. Dam registration number is preferred; however, if the dam is not registered an RFID or AIN may be provided.



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