

DNA REMINDERS & INFORMATION

WHAT YOU NEED TO KNOW

NEOGEN UPDATED PROCEDURES:

The Neogen DNA lab has implemented new procedures regarding on hold orders. Samples must now be submitted to the lab within 30 days from the time of the order. Orders that are not received within 30 days will be deleted from their system. Samples that are received after the 30 days will experience delays in testing due to order recreation. It is recommended not to order the DNA testing until you have a sample procured and ready to submit. For DNA questions please contact Rylee Barber at Rylee@amaapc.com.

DNA & TESTING SUBMISSION

To submit a sample through the association, please follow the DNA request instructions on our website, maine-anjou.org/geneticforms.php. Samples must be on a hair card, blood card or TSU in order to be submitted - blood card is preferred. Sampling supplies can be ordered by contacting AMAA staff. Animals must be in the AMAA herd book before testing can be requested. Please note that testing takes approximately 3-4 weeks from the time the sample arrives at the lab. We will send test results by e-mail only, please make sure we have an up-to-date e-mail address for you, unless requested otherwise.

DNA REMINDERS 2025 -

The normal Neogen lab turnaround time is approximately 3 – 4 weeks. Turnaround times are longer for multiple tests on one sample. Turnaround times may also be extended on hair samples as it is more labor intensive to process the sample. We encourage you to submit samples as quickly as you can in order to avoid testing and registration delays.

NEW - All samples turned in on a hair card will be charged an additional \$5 per sample.

NEW - All samples that must be pulled from inventory will be charged an additional \$5 per sample for the sample pull fee.

AMAA will accept blood cards, tissue sampling units (TSU), semen straws or hair cards.

NEW - All AI Sires prior to registering ET or AI calves, all AI sires must have on file with the AMAA the parentage test: GGP Bovine 100K and be tested for or free by pedigree of the following genetic defects: AM, CA, NH, DD, DS, TH and PHA. This applies to all Maine-Anjou sires, commercial sires and sires registered in other breed registries. If you are unsure if your AI sire meets the testing requirements, please call our office. DNA testing results may take up to 6 weeks to be processed by the lab.

NEW - All Donor Dams - Prior to registering ET calves, all donor dams must have on file with the AMAA the parentage test: GGP Bovine 100K and be tested for or free by pedigree of the following genetic defects: AM, CA, NH, DD, DS, TH and PHA. This applies to all Maine-Anjou donors, commercial donors and donors registered in other breed registries. If you are unsure if your donor meets the testing requirements, please call our office. DNA testing results may take up to 6 weeks to be processed by the lab.



FOR DNA OR GENETICS TESTING QUESTIONS
E-MAIL Rylee@amaapc.com — 816-431-9950 EXT. 1

TEST & PRICING

GGP Bovine 100K (includes DNA (SNPs))	\$45
Conditions Panel #3 (100K (SNPs), CA, AM, NH, PHA, TH, DD, OS)	\$95
SNP Parentage (SeekSire Test)	\$20
STR Parentage	\$27
CA	\$27
Coat Color	\$15
DD	\$27
DS	\$29
Horned/Polled	\$45
AM	\$27
NH	\$27
PHA	\$27
TH	\$27
PHA & TH	\$48

BULLS

- **AI SIRES** - Prior to registering ET or AI calves, all AI sires must have on file with the AMAA the parentage test: GGP Bovine 100K and be tested for or free by pedigree of the following genetic defects: AM, CA, NH, DD, DS, TH and PHA. This applies to all Maine-Anjou sires, commercial sires and sires registered in other breed registries. If you are unsure if your AI sire meets the testing requirements, please call our office. DNA testing results may take up to 6 weeks to be processed by the lab.
- All bulls born after January 1, 2014 must be TH and PHA free by test or pedigree in order to register. If a bull is found to be a carrier, he can register as a foundation or performance bull only, but all progeny will have to test free of that defect in order to register. Foundation bulls will carry their Maine-Anjou percentage to their offspring.
- Maine Angus bulls must be TH and PHA free as well as AM, NH and CA Free for black Angus and AM, NH, CA and OS Free for Red Angus

FEMALES

- **DONOR DAMS** - Prior to registering ET calves, all donor dams must have on file with the AMAA the parentage test: GGP Bovine 100K and be tested for or free by pedigree of the following genetic defects: AM, CA, NH, DD, DS, TH and PHA. This applies to all Maine-Anjou donors, commercial donors and donors registered in other breed registries. If you are unsure if your donor meets the testing requirements, please call our office. DNA testing results may take up to 6 weeks to be processed by the lab.
- Carrier heifers out of carrier bulls born after January 1, 2014 can only be registered as foundation or performance only. Foundation carriers will carry their Maine-Anjou percentage to their offspring, but their offsprings must test free of that defect.
- All donor dams must have DNA, TH and PHA on file prior to registering their ET calves. If a donor is dead before a sample was procured, you must DNA, TH and PHA test all ET calves in order to register them.
- Maine Angus heifers must be TH and PHA free.

HOW TO REQUEST DNA OR TESTING INFORMATION

- Visit maine-anjou.org/geneticforms.php