

AMAA DNA

rules and regulations

Bulls

- 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.
- All AI sires, regardless of breed and/or commercial, must have DNA, TH and PHA on file prior to registering any progeny.
- 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

- 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.

TESTS AND PRICING

2019 updates

GGP Bovine 150K	\$80
GGP Bovine 50K	\$46
GGP 50K Conditions Panel #1 (AM, NH, PHA, TH, DD, OS)	\$28
GGP 50K Conditions Panel #2 (CA, NH, PHA, TH, DD, OS)	\$28
GGP 50K Conditions Panel #3 (CA, AM, NH, PHA, TH, DD, OS)	\$50
SNP Parentage (SeekSire Test)	\$27
STR Parentage (SIMPT)	\$26
CA	\$25
Coat Color	\$15
DD	\$25
DS	\$26
Horned/Polled	\$44
AM	\$26
NH	\$26
PHA	\$26
TH	\$26
PHA & TH	\$46

NEW IN 2019

DNA process

We will be adjusting the DNA testing process beginning in January 2019 in hopes of making this a quicker and easier process. This only changes the testing process through GeneSeek. We will still accept results from other labs. The new process is as follows:

- Any animal being tested must have a number created within Digital Beef. Bulls and suspect heifers will have a performance number. AI sires and donor dams must be registered, have their foreign pedigree added or have a commercial number created to order testing.
- After logging into Digital Beef and viewing your herd, find the animal that needs testing and check the box for DNA. If you have more than one animal to test, be sure to check the box for all the animals that need testing.

Season	Sex	Tattoo	Reg #	Name	Born	Wean	Year	Scan	DNA	Options
	C	123A AMAA	443340	AMAA TEST 123A	2/9/13	<input type="checkbox"/>			Queued	View Edit Dispose
	C	456A AMAA	443341	AMAA TEST 456A	2/9/13	<input type="checkbox"/>			<input type="checkbox"/>	View Edit Dispose
	C	789A AMAA	443342	AMAA TEST 789A	2/9/13	<input type="checkbox"/>				View Edit Dispose
	C	AMAA 21A	440118	AMAA 21A	2/1/13	<input type="checkbox"/>				View Edit Dispose

- On the left side of the screen, select DNA. All of the animals you selected in the previous step should appear in this list.

- For each animal, select the reason for testing.
- If you use a hair card, blood card, TSU vial, etc., enter that unique barcode in the designated box. If you are not using one of those sample types, leave the box black, and GeneSeek will assign a barcode when the sample arrives at the lab. Samples without unique barcodes must be properly labeled.

- Select the sample type.
- Next, select the tests you would like to order.

- If you are testing for parent verification, you can enter the alternative sire's registration number in the designated box.
- Please leave any notes you would like the AMAA DNA department or GeneSeek to be aware of.

- After clicking save, your DNA test request will be sent to the AMAA and a PDF will be created for you to print and mail with your samples. Your account will show the balance due for the testing. Please pay this balance as soon as possible as we do not send testing results until we receive payment. Samples are to be mailed to GeneSeek Inc., Attn: Samples, 4131 North 48th St., Lincoln, NE 68504-1408.