

# MAINE-ANJOU

## DNA Process & Submission

The AMAA accepts hair cards, blood cards, semen straws or tissue sampling units (TSU). If you need to order sampling supplies, please visit the Neogen website or contact Rylee Barber at Rylee@amaapc.com. After pulling the sample, please follow these instructions to obtain your submission form:

- Any animal being tested through the AMAA, must be in the AMAA herdbook as a registered animal, performance animal, foreign pedigree or commercial animal.
- After logging into Digital Beef and viewing your herd, find the animal that needs testing and check the box for DNA.

Addresses		Phones	Contacts	Associated	Account	Prefs	Herd	Kickouts	CG's	MAPP	Work Orders	Memo's	Permissions	Maine-Anjou Voice	Change Log	Attachments	Logins
Bulls								Females									
All	Quick Sire List	Breeding	Yearling	Weaned	Pre-Wean	Breeding	Yearling	Weaned	Pre-Wean	Performance							
<b>12 Animals</b>																	
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	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Dispose"/>					
	C	456A AMAA	443341	AMAA TEST 456A	2/9/13	<input type="checkbox"/>			<input type="checkbox"/>	<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Dispose"/>					
	C	789A AMAA	443342	AMAA TEST 789A	2/9/13	<input type="checkbox"/>				<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Dispose"/>					
	C	AMAA 21A	440118	AMAA 21A	2/1/13	<input type="checkbox"/>				<input type="button" value="View"/>	<input type="button" value="Edit"/>	<input type="button" value="Dispose"/>					

- After the animal has been queued for testing, click the DNA tab on the left side of the screen. Then click Unsubmitted Requests.

**DNA Requests for AMERICAN MAINE-ANJOU ASSOC., MemberID: 210411**

ANIMAL IDENTIFICATION						
Reason	Lab	Reg No	Tattoo/Tag	Sex	Barcode	Sample Type
▼	Geneseek	443340	123A AMAA	C	<input type="text" value=""/>	▼
Request initiated by 210411 on 2018-10-09						

- You will enter a reason for testing, sample type and barcode for each animal you are testing. The barcode can be found on your hair card, blood card or TSU. For semen samples, enter the cane code.

- Select the tests you would like to order. Please be aware of AMAA DNA rules and regulations when selecting tests.

TESTS AVAILABLE												PARENTAGE TESTING INFORMATION					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
												<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value=""/>			
												<input type="button" value="save"/>	<input type="button" value="save"/>	<input type="button" value="save"/>			
Notes: <input type="text" value=""/>																	

- Click Place Requests.

- You can now print your submission form and mail it with the samples to the address listed on the submission form.

- Pay the balance due on your account before logging out of Digital Beef. Results will not be sent if there is an outstanding balance on your account. You will receive your results via email in approximately 3-4 weeks from the time the sample arrives at the lab.

**If you have any questions regarding DNA testing, please contact Rylee at Rylee@amaapc.com or (816) 431-9950 ext. 1.**

# MAINE-ANJOU

## *DNA Updates & Instructions*

### **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.

## **TEST AND PRICING**

Updated August 2021

GGP Bovine 100K (includes DNA (SNPs))	\$45
Condition Panel #2 (CA, AM, NH, PHA, TH, DD, OS)	\$65
Conditions Panel #3 (100K (SNPs), CA, AM, NH, PHA, TH, DD, OS)	\$110
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