

Red Navigator

Ordering Instructions

Note: Order Form contains multiple 'Tabs' (found at the bottom of the screen). To select a specific Tab, simply place your cursor over the Tab name and single click left mouse button.

Step1: Collect Samples

- ONLY blood or tissue samples are permitted for the Red Navigator. Hair samples will be rejected.
- Blood cards are provided by RAAA at no-charge. Blood card requests can be sent to RAAA via email, DNA@redangus.org, or by contacting the RAAA National Office - (940) 387-3502 ext 10.

[Click here to request blood cards](#)

Step 2: Complete RAAA Herd Navigator DNA Order Form

- Provide complete animal identification information.
 - Barcode number can be found on the back of the DNA Kit. Typically a 10 or 11 digit number. Completed barcodes are only required for tissue samples
- Indicate requested test by placing a Y in the respective column.

Parentage:

- If sire/dam is not an RAAA registered animal, provide breed assoc. information with Reg#
Ex: Canadian Angus = CAN#####, American Angus = UAN#####, Simmental = USM#####
- If multiple sire breeding groups were used, specify the sire group (single letter or number) for each progeny and complete the Multi-Sire Breeding Groups tab (see Step 3).

Pricing

Tests:

Scientific Name	Common Name	Price
GGP-Basic	Red Navigator	\$25

-Parentage included

Step 3: Complete Multi-Sire Breeding Groups Sheet (if applicable)

- List ALL sires who potentially sired submitted offspring.
- Sires MUST be identified with a registration number. If reg# is not RAAA, include breed assoc.
Ex: Canadian Angus = CAN#####, American Angus = UAN#####, Simmental = USM#####

Step 4: Payment must be submitted with samples

Step 5: Submit Order to RAAA :

Mail completed and signed Order Form and Samples to:

RAAA
ATTN: DNA Samples
18335 E 103rd Ave. Suite 202
Commerce City, CO 80022

AND E-mail completed order form to DNA@RedAngus.org

DNA Sample Collection Basics

While DNA tests have advanced to a technology with endless capabilities, the entire process is dependent on a step that includes little, if any, science—a properly collected DNA sample. Although DNA technology and its associated DNA sample have become part of our general 'know how', it has been estimated that approximately 30% of samples don't meet quality control standards. The two leading causes for a sample to fail quality control standards: Insufficient DNA to perform the requested test; or, sample contaminated with foreign material such as manure. Application of the below information will increase your ability to deliver quality DNA samples.

FTA Blood Card

- Ideal sample locations include the animal's ear or the underside of the tail.
- Use a NEW needle or pricking device for each animal. DO NOT simply wash the needle/pricking device between each animal, as this does not prevent cross-contamination.
- Ensure that the location of the animal in which the sample will be collected is clean.
- Fill the entire pre-printed circle on the FTA card with blood, but don't flood the card.
- Allow collected blood to dry, not in direct sunlight, prior to storing the sample.
- Don't allow direct contact between collected FTA cards, as cross-contamination can occur.
- Keep collected sample out of direct sunlight and/or extreme temperatures.
- Blood samples can be shipped in a standard shipping box or padded envelope.

Tissue

- **ONLY** to be collected from the ear with an approved TSU (Tissue Sampling Unit) device (Allflex).
- Make sure the sample does not include an area of the ear that has been tattooed.
- Ensure that the TSU is sealed properly by noting the green ball is inside the tube.
- Check to see that there is liquid visible inside of the TSU, to preserve the sample.
- Ensure that there is a visible amount of tissue sample inside of the tube.
- Keep the TSU's at room temperature before use and only freeze once the sample is collected and the TSU will be stored for more than 1 year.

RAAA Red Navigator DNA Order Form



Name: _____ RAAA Acct#: _____

Address: _____ Phone: _____

City: _____ State: _____ Zip: _____ Fax: _____

** E-Mail: _____ **Test results and all communication regarding your order will be via e-mail, unless otherwise requested.

Payment must be submitted with samples. Number of Samples Submitted _____ x \$25 = _____ Payment Enclosed: Yes _____ No _____

Expected Turnaround Time: 20 Business Days. May be delayed if delivered samples are of poor quality or order form is not properly completed. Please review "DNA Sample Basics" to ensure a quality sample is received at the lab. Questions must be directed to the RAAA National Office. DO NOT contact the lab.

Animal Information			Genetic Test		Parentage	
Animal ID (Tag/Tattoo)	DNA Kit Barcode Number	DOB (If Known)	Red Navigator	Most Probable Sire Reg#	Alternative Sire Reg#	Multi-Sire Breeding Group
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Terms: Upon submitting samples to the Red Angus Association of America (RAAA), the submitting party conveys ownership of the sample to RAAA. The submitting party agrees and acknowledges that RAAA intends to perform genetic testing on the submitted sample in an effort to describe the animal's genetics. The submitting party further agrees and acknowledges that it assumes all risks that are associated with the genetic testing results and any associated implications. RAAA has the right to make any results determined through the genetic testing publicly available. In the event that the submission of this/these samples results in a parentage exclusion(s) or identification of genetic defect carrier(s), the process through which owners/breeders are notified will follow RAAA Rules and Regulations. The submitting party agrees that all samples are submitted to RAAA in an effort to fulfill the RAAA mission of advancing the quality, reliability, and value of Red Angus and Red Angus influenced seedstock used in the commercial beef industry. Therefore, RAAA shall not be held responsible for damages of any kind, including but not limited to, lost profits, lost value of progeny, lost value of embryos and/or semen, interruption of business that may arise from the publication of genetic testing results. The term 'submitting party' shall mean any RAAA member/customer submitting a DNA sample and test request, as well as any RAAA member/customer submitting a DNA test request for a DNA sample that is already on file with RAAA.

Signature: _____

RAAA Red Navigator DNA Order Form



	Animal ID (Tag/Tattoo)	DNA Kit Barcode Number	DOB (If Known)	Red Navigator	Most Probable Sire Reg#	Alternative Sire Reg#	Multi-Sire Breeding Group
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
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22							
23							
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37							

Multi-Sire Breeding Group Information

(Complete for Multi-Sire Pastures)

Breeding Group: _____

	Association	Reg #	Tattoo	Sample Enclosed?
Sire 1				
Sire 2				
Sire 3				
Sire 4				
Sire 5				
Sire 6				

Breeding Group: _____

	Association	Reg #	Tattoo	Sample Enclosed?
Sire 1				
Sire 2				
Sire 3				
Sire 4				
Sire 5				
Sire 6				

Breeding Group: _____

	Association	Reg #	Tattoo	Sample Enclosed?
Sire 1				
Sire 2				
Sire 3				
Sire 4				
Sire 5				
Sire 6				

Breeding Group: _____

	Association	Reg #	Tattoo	Sample Enclosed?
Sire 1				
Sire 2				
Sire 3				
Sire 4				
Sire 5				
Sire 6				