

NEOGEN DNA

Submission Instructions

How to get started with testing:

1. First steps to start DNA testing is to collect the sample. There are many sample types but the most common are:
 - a. **TSU (Tissue Sampling unit)** – Preferred method by Neogen – To take a tissue sample using the Allflex Tissue Sampling Unit, the following tools are needed:
 1. An Allflex tissue applicator (\$50.00 one-time purchase)
 2. Allflex tissue punches (\$25.00 / 10 count)Animals should be restrained during sampling (For example, by crowding in an alley or by using a head gate).
[Procedure](#)
 - b. **Blood card** – Second in preference
 - c. **Hair card** – Least preferred, less accurate and most labor intensive

You are able to order all these sample types online through the Neogen website!

2. <https://www.neogen.com/categories/sampling-equipment/>

Sending samples to the lab:

Individual breeders will need to pay for testing with the Association. Then send physical samples and Submission Form that will be provided by Red Wattle Hog Association to the following location:

Neogen Genomics
Attn: Samples
4131 N. 48th St.
Lincoln, NE 68504

3. [Submission Form](#)

What happens once Neogen receives your sample:

Once Neogen receives your sample, it will be placed in an order in our LIMS system under the Red Wattle Hog Association and passed off to the lab so they can start processing it. Once the lab receives the samples, the lab will extract, quantify, and process the samples to generate data results within 3-4 weeks. From there, the data is overview by our highly trained data analysis team to do quality checks, and upload the data to LIMS.

Results/Data:

Parentage: This test is \$19.50, the deliverables will be 96 parentage markers to compare parentage, access to our LIMS system to compare parentage. If Red Wattle does not have the staffing available to complete parentage, since there will be low volumes, we can do the parentage comparisons in house and send a parentage certificate when samples finish through the lab (attached).

Invoicing:

At the end of each month Neogen will invoice Red Wattle Hog Association for samples that FINISHED processing that month. Once the Red Wattle Hog Association is invoiced you will be invoiced by RWHA for the samples you have submitted.