
Weatherbys DNA Instructions

As previously advised the Murray Grey Society is moving its DNA testing to Weatherbys. As this is an exclusive contract, all Murray Grey Testing will be conducted through Weatherbys and all submissions must come through the Society in the first instance.

Following are the instructions and details of testing available.

Contact the Society for test kits (*Please see DNA Fee Schedule for costs*) If you have old kits you can still use these.

Please read the following STEPS carefully

Step 1: Complete your Application Form:

In the second tab along on the spreadsheet (Application Form), please fill in the customer details section:

Customer Details: Please complete this section in full - name, address (not essential), phone number, and email. Now provide details for each sample being submitted - please ensure you carefully record the following information:

Sample Type: e.g TSU or Semen or Hair

Collector Barcode: This is the barcode number from the TSU or label on the hair sample.

Animal ID: Tattoo Number

Registration ID: Electronic ID on MGBCS Database

Sex of animal: Male (M) or Female (F)

Birth Year: Year the animal was born (YYYY)

Parentage (PV) includes both sire and dam verification. Sire/Dam details must be included on this form. If PV is not required or cannot be completed (parents not SNP tested) please leave blank.

Step 2: Genotype Selection

PLEASE NOTE Wetherbys only does Genotype 85K which provides all the information required for BREEDPLAN and Single Step

Please select a genotype option first, prior to selecting traits & bundles:

Genotype 85K and Parentage - Reports a genotype profile, parentage and selected traits.

Commercial Testing (No 85K profile reported) - No genotype profile reported, only reports selected traits.

Tests (Traits & Bundles):

Three (3) columns have been provided for you to select the traits & bundles available for Murray Grey breeders (Test 1, Test 2 & Test 3). Each column is set up as a drop down menu for you to select the tests that you require.

Test Options Include:

Tests available with the 85K Genotype

Murray Grey Bundle: 85K, PV & Myostatin Nt821del11

Coat Colour (Black & Red)

Developmental duplications (DD)

Neuropathic hydrocephalus (NH)

Alpha-mannosidosis 961 (MA) Angus

Myostatin 9 variants
Arthrogryposis multiplex (AM)
Contractual arachnodactyly (CA)

Standalone Tests (No Genotype)

Please note a stand alone test will require a ne sample to be provided.

Coat Colour (Black & Red)
Developmental duplications (DD)
Neuropathic hydrocephalus (NH)
Alpha-mannosidosis 961 (MA) Angus
Myostatin 9 variants
Arthrogryposis multiplex (AM)
Contractual arachnodactyly (CA)
Low Density Parentage Only

Costs for all Test Options available have been included on the DNA Fees Schedule:

Step 3:

Email a copy of the spreadsheet to the Murray Grey Society admin@murraygrey.com.au post a copy of the spreadsheet and test samples to Weatherbys.

Please send samples via tracked post to:

Weatherbys Scientific
PO Box 6493
Clifford Gardens, QLD 4350

Please list your name and contact details on the parcel and the Weatherbys mobile number in the recipient phone number section of the parcel.

As a condition of requesting any DNA test(s) from Weatherbys Scientific Australia you hereby acknowledge that the Murray Grey Beef Cattle Society has the right to store and display the results for any such DNA test(s) in the Murray Grey Beef Cattle Society database and via any other means e.g. website animal enquiry. Murray Grey Beef Cattle Society has the right to use DNA information in both Research and Development, in the construction of genetic information and any other commercial outcomes.

If you have any questions, please contact the Society or your State Board representative

Kind Regards

Diane Hardman

Di Hardman
Executive Officer
Murray Grey Beef Cattle Society