



DNA FREQUENTLY ASKED QUESTIONS

Regulation 9.6 of the MGBCS Rules & Regulations states that 'It shall be the requirement for the registration of all calves born after 31/12/2006 that their sire be DNA fingerprinted by the MGBCS approve laboratory.'

How Much Does It Cost?

DNA & Parent Verification for Sires – GGP-LD (50K) = \$44.00
Parent Verification when requested with GGP-LD test - FREE
Parent Verification stand alone test (without GGP-LD) - \$23.00
Sample Collection Kits = \$22.00 for 10 pack

When Is The Best Time To Collect My Sample?

When you have decided to use a bull as a sire or when you are putting a bull out with the cows.

If you are selling a bull that has been used as a sire, collect hair samples before he is transported.

Where Do I Collect the Samples From?

From the switch of the tail pull 20-30 *CLEAN* tail hairs with roots attached.

How Do I Submit My Samples?

Contact the MGBCS and order your DNA sample collection kits. Specify if you will be submitting a hair or semen Sample. *Please note that the correct kits must be ordered from the MGBCS before sending any DNA samples away. GeneSeek reserve the right to charge more if this process is not followed.*

Once the hair samples have been collected, package them according to instructions in the *CORRECT* kits that you have been supplied with and complete *ALL* the required paperwork for each animal.

DNA Specific: Send your samples for DNA Typing direct to GeneSeek. There is no need to send payment with your sample as you will be invoiced directly by the MGBCS.

What Is the Sire Verification Requirement?

As per Regulation 9.7 from the Rules & Regulations of the MGBCS 'All DNA samples submitted for DNA fingerprinting after 01/03/2009 shall be subject to DNA paternal verification, by the MGBCS approved laboratory.' That is all DNA sample submitted for DNA fingerprinting will be tested against the recorded sire to ensure that the sire is correct.

Therefore when completing the paperwork for DNA profiling, please ensure that you include the Sire details on the Parentage Verification section of the form. *Do not include the dam details unless you are wanting to do a complete parent verification on a calf.*

What Happens If I Don't Fill Out the Paperwork Correctly or use the correct kits?

If samples that are sent via the MGBCS do not have the correct paperwork filled out then the samples will be kept and not submitted for testing until the breeder has filled out the required paperwork correctly.

If samples are sent using the incorrect kits, then the samples may be returned to the breeder to be correctly packaged.

What Happens With My Results?

Results are forwarded to the MGBCS and you will be notified of results that have been received.

If you have registrations pending because you are waiting on a DNA test, please contact the MGBCS and notify them that the DNA has been received.

What Should I Do If I Have Used A Bull That Has Died & There *Is Semen Available*?

A standard DNA test kit should be requested from the MGBCS and an unused straw should be packaged so it will not break in the post and it should be sent to the University of Queensland.

If limited semen is available the best method is to collect one drop of semen on a small square of blotting or absorbent paper prior to insemination and send this off in a standard kit.

What Should I Do If I Have Used A Bull That Has Died & There *Is No Semen Available*?

Any sire used since 2006 should have had a hair sample collected for DNA testing to allow for any progeny to be registered.

If no DNA is available, please write a letter to the MGBCS Board of Directors explaining your situation and the reasons why a DNA sample has not been collected and your case will be examined.

How Do I Know If a Bull I Am Using Has Been DNA tested?

Use the 'Animal Enquiry' Screen via the MGBCS website by searching for the animal using their name or ident. If the bull has been DNA typed then the words 'DNA Typed' and a number will appear in the animals' details. If this information does not appear then the animal has not been DNA typed and you need to contact the MGBCS for a sample kit. Alternatively you can contact the MGBCS.