



To comply with the rules and regulations of Herefords Australia, all DNA samples must be submitted through the HA Office for testing. The HA staff will then process and send off your DNA request. Results of these tests will be returned to the HA Office and will in turn be uploaded to the database. As results are uploaded to the database you will be sent a report containing the results of your tests. This fact sheet provides information to help you interpret the results.

TEST STATUS:

COMPLETED: this is a status of the lab request. The lab has completed the testing of the DNA sample supplied

INCOMPLETE: Another status The lab is still sending through further information

NO RESULT – DNA TEST FAILED: the test was attempted to be run but no result could be determined. This normally leads to further testing or a request for recollection

TEST RESULTS:

NOT DETERMINED: mainly refers to old MiP Poll tests, where the lab was able to complete the test but the accuracy of the result could not be determined

RECOLLECT: the sample submitted to the lab is not viable and cannot be tested. Another sample should be submitted to the lab so the tests can be run. There are no associated costs to the recollect, as it is presumed the members paid for the test at the initial submission

CARRIER: this animal is a carrier for the specific genetic condition

NON CARRIER: this animal is free from carrying the alleles for the specific genetic conditions

PROFILED: the animal has a completed SNP profile

QUALIFIED: this parent has been confirmed as correct

EXCLUDED: this parent has been confirmed as being incorrect. The incorrect pedigree line will be removed from the pedigree tree. Alternative parents should be submitted to the society for testing to confirm correct parentage. New parentage cannot be added without DNA confirmation

NO RESULT: there is a missing piece of information. The parent verification could not be conducted as either the parent or the calf are on incompatible DNA platforms (MiP vs SNP), the parent doesn't have any DNA on file or no parents have been supplied.

FURTHER INFORMATION

- Only full members with Herefords Australia have the ability to DNA test through Herefords Australia.
- Animals being tested are required to be on the HAL database first – this is because we need a record to load the results against.
- Genomic testing can take 6-8 weeks.
- SEQI takes approximately 10 days
- Parent verification (where possible) is always the last step in the process, and normally comes after we have received the rest of the results
- Interim results are also often received from the lab e.g. there are 17 samples and 10 have been analysed. These 10 will be reported on while we wait for the other 7.
- DNA results are then returned from the lab to the Herefords office, for loading into HAL database. The results link directly to the animal by a case number and go live to the HAL website.
- Once all the results that have been received and loaded into the database, each individual member will have a report run and then emailed to your nominated email address. Please ensure that your email address is up to date.



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