



Genomics - Questions & Answers

Which animals in my herd can I test?

- You can request a genomic test for any pedigree registered Ayrshire, British Friesian, Jersey, Guernsey and Holstein females.
- Most suitable for youngstock although females of any age can be tested.

How much does it cost?

- Please refer to the latest version of the CIS Service Brochure for current pricing.
- Discounts are available for orders of 50 or more tests: 50-99 tests, 2.5% discount; 100-199 tests, 5% discount and 200+ tests, 10% discount. You can also split the cost of the tests over several months if required.
- Genomic tests can be forward ordered in multiples of 10.
- All tests from non milk recording CIS herds will occur an additional charge of £1.50 plus vat at the time of processing.

What is the procedure?

- Request a genomic test for your animal(s) on 'Your Herd', 'Genomic Testing' menu.
- A genomic testing pack will be sent out to you along with full instructions.
- Send DNA sample(s) from your female animal(s) to CIS.
- CIS send your sample(s) to the lab which will extract the DNA on either the LD or HD genomic chip
- Genotypes will be made available to the evaluation centre to calculate the genomic type and production indexes.
- Results will be returned and made available on 'Your Herd' (please note this can take up to 8 weeks for genomic results to be returned due to the timing of the evaluation runs)
- Track your sample(s) using the genomic tracking page on 'Your Herd'.
- If there are any problems with the DNA sample or the animals' parentage, you will be contacted
- You must milk record with an ICAR accredited milk recording organisation.

What is included?

- From HD chip only: Blad, Dumps, Citrullinemia and Fertility Haplotypes.
- Full UK genomic evaluation results (GPLI) for production and type.

Can I request anything extra?

- From the HD genomic chip only: Beta Casein A2, Coat Colour, CVM, Brachyspina, Horn Polled and Cholesterol Deficiency can be requested on 'Your Herd'. Additional costs apply.
- GTPI evaluations (from HD chip only) can be run for an additional cost.

Why should I do a genomic test?

- To identify the animals with the greatest potential in your herd.
- Breed animals according to their potential.