

What is Angus HD?

The Angus HD is a high-density genomic test, branded by the Canadian Angus Association, for Canadian Angus members. Similar to the Angus GS test and the HD50K test before that, Angus HD is a high-density genomic test that members can use to access genomically enhanced EPDs (GEPDs) and genomic percentile ranks. Angus HD also includes parentage verification.

Will I get the same results from an Angus HD test as I would from an Angus GS test?

Yes. Both tests provide the genetic evaluation team with information on approximately 100,000 SNP markers. This is called a genotype. The tests include the same SNP markers and provide the genetic evaluation team with exactly the same information, so the results (GEPDs and genomic percentile ranks) from both tests are the same. The Angus HD test provides members with progeny equivalent information of approximately 20 calves. For more information on Angus HD testing please see our website: www.cdnangus.ca/genomic-technology

How do I submit a DNA sample for Angus HD testing?

Members can submit tissue, hair, blood and semen samples for all genomic testing. Allflex TSUs and blood cards are available for purchase through the Canadian Angus Association, and the Association provides hair cards to members at no cost. Please note, BVD tests require tissue samples, and freemartin tests require whole blood samples.

Does Angus HD replace Angus GS?

Yes. The Angus HD is the new high-density genomic test, branded by the Canadian Angus Association, for Canadian Angus members. Angus HD will provide members with genomically enhanced EPDs (GEPDs) and genomic percentile ranks. Angus HD also includes parentage verification.

How long does it take to get results?

Our commitment to our membership is a 21-day turnaround time for all genomic testing once the sample is received at the Canadian Angus Association office. This turnaround time includes parentage verification, Angus HD testing, genetic condition testing, and coat colour testing. Turnaround time does not include the time it takes for the sample to reach the CAA office.

How much does it cost?

The Angus HD test costs \$45/test.

Does Angus HD include parentage verification?

Yes. The Angus HD test provides members with GEDPs, genomic percentile rank information, and parentage verification.

How do I submit samples for testing?

Ship or drop off your clearly labeled DNA samples to the Canadian Angus office at
Canadian Angus Association
292140 Wagon Wheel Blvd
Rocky View County, AB T4A 0E2

Samples dropped off outside of regular business hours can be placed in the secure lock box provided for this purpose. Dropped off samples will be collected at the start of the next business day. Please ensure your samples are in an envelope or box and are well labelled with the animal tattoo or registration number and your CAA member ID. Please do not drop loose samples.

