



CSA DNA REQUIREMENTS

It is your responsibility to ensure your animals have the appropriate tests on file with the CSA office:

- Natural Services Sires require to be 50K tested by GOF (Genotype on File).
- AI Sires require to be 50K Parentage tested (confirmed to both sire and dam.).
 - Ensure dam has SNP DNA on file prior to submitting SNP test on AI sire. If not, order a basic SNP test for dam and send samples together so lab can complete PV test on bull.
- Donor Dams require to be 50K tested by GOF (Genotype on File).
- Embryo Transplants require a basic SNP panel in order to register animal.
- Basic SNP tests – animals tested by basic SNP will need to be tested again (with new sample) by 50K SNP test in order to qualify as an AI sire, herd sire, or donor cow.

It is your responsibility to ensure the bulls you purchase have DNA on file.

- If your purchased bull becomes an AI Sire, make sure that the dam has DNA on file in advance, or stored hair for testing.
- Please be aware that the office will test all samples to the fullest extent possible. This means if the animal's sire and dam have DNA on file, the sample will be tested to the fullest parentage extent.

The following ***Type of Test*** appears on the front of the registration certificate.

Type of Test

- ***GOF** – Genotype on **F**ile (minimum requirement for natural service sires)
- ***PCS** – Parentage Confirmed to **S**ire
- ***PCD** – Parentage Confirmed to **D**am
- ***PCB** – Parentage Confirmed to **B**oth Sire & **D**am (minimum requirement for AI bulls)

LAB TEST TYPES

TEST	FEES (plus taxes)
Basic SNP Panel (200 SNP)	\$ 18.00 - (MBV) Multiple Bull Verification
GGP-uLD 30-K	\$ 35.00
GGP-50K	\$ 45.00 - AI Sires, Natural Service Sires, Donor Dams
GGP-50K, Horned/Polled	\$ 55.00
GGP-50K, Coat Color (homozygous black)	\$ 50.00
GGP-50K, Coat Color Dilutor	\$ 50.00
GGP-50K, Horned/Polled, Coat Color	\$ 60.00
(homozygous black)	
GGP-50K, Horned/Polled, Coat Color Dilutor	\$ 60.00
Microsatellite	\$ 25.00
Genotype Reconstruction (per sample)	\$ 35.00
Coat Color (homozygous black)	\$ 15.00
Coat Color Dilutor	\$ 15.00
Horned/Polled	\$ 27.00
Horned/Polled, Coat Color	\$ 35.00
Freemartin	\$ 65.00
Karyotype	\$160.00

(Please add applicable GST/HST to the above fees for payment)