

CANADIAN CHAROLAIS ASSOCIATION

SNP DNA INSTRUCTIONS

All sires AI or Natural must have a SNP DNA profile on file with the Canadian Charolais Association, in order to be eligible to register calves. AI Sires have to be parent verified for On-farm and Canadian Certified semen.

When a SNP DNA test is ordered with the Canadian Charolais Association, the member will receive a kit for 100K and the parentage (sire verified or parent verified depending on the parents). Homo Polled, Leptin and Progressive Ataxia can also be ordered but these are separate tests and the member needs to request these at the time of the 100K. The Homo Polled and Leptin can be ordered without ordering the 100K SNP test but the Progressive Ataxia can only be ordered if the animal has a 100K after July of 2022.

We are looking forward to having the membership order their kits in their on-line program but have not finalized the program as of yet. We will give an up-date on this when the program is ready to go.

For now, all SNP DNA requests have to be requested to Ichivilo@charolais.com

Guidelines for pulling hair or sending a TSU sample.

1. Pull hair sample from the tail switch. The hair must be clean (free of fecal matter) and dry. Do not cut hair samples as the Lab needs the follicles or roots. Please pull between 60 to 80 hair follicles or as close as possible.
2. Pull hair straight out so it does not break and so you get the follicles.
3. Request the kit or sheet which will be emailed to you. The lab address is on the sheet.
Mérieux NutriSciences (Formerly known as Bureau Veritas), 335 LAIRD RD, UNIT 2, GUELPH, ONTARIO N1G 4P7.
4. The hair sample is taped to the sheet in the middle of the page.
5. If you are using TSU samples, please either tape the tube to the sheet or if you are sending a box of ten then you must write the bar code off the tube where the hair sample would have been placed. ***** If you do not do this the samples will be returned to you.**
6. Then samples are mailed to the Lab.
 - a. **Mérieux NutriSciences (Formerly known as Bureau Veritas), 335 LAIRD RD, UNIT 2, GUELPH, ONTARIO N1G 4P7.**
7. If you have several samples to send, put the individual envelopes into one larger one for mailing or fold the sheets in half making sure the Hair or TSU samples are taped securely to the SNP DNA sheet and stack on top of each other, so the samples do not fall off the sheets.

Storage of samples:

If you want to pull hair samples before you order the kits, please store the hair in a paper envelope not plastic bag and enter the tattoo of the animal on the outside of the envelope. Store sample at room temperature in a dry location away from sunlight. A filing cabinet is good.

SNP DNA Fees

The fees for the SNP DNA kits are payable to the Canadian Charolais Association and invoiced when the SNP DNA kit is ordered.

The price list is as follows:

- The cost of the 100K, and Sire or Parent Verification is \$52.
- For 100K is \$52. and The Homo Polled is \$12. together the Total cost is \$64.00
- If you do the Leptin Test when you do the 100K is \$18.
- If you do the Homo Polled as a Stand alone or after the fact it is \$33.
- If you do the Leptin as a Stand alone or after the fact it is \$23.
- Progressive Ataxia test is \$12. The Progressive Ataxia can only be ordered if the animal is getting or has a 100K test.