CANADIAN LIVESTOCK RECORDS CORPORATION

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APPLICATION FOR DNA GENETIC MARKER TESTS

NB. **For breeds not registered with CLRC**, please attach a copy of the animal's certificate. If the animal is not registered, please attach a copy of the certificates for all possible registered parents.

SELECT TESTS: DNA ☐   **DNA Parentage Verification:**   Profile Only ☐   Both Parents ☐

Sire Only ☐   Dam Only ☐

G6S (Dairy Goats Only) ☐ **Other – Specify**: _____

Sample Type (select one)**: Hair** ☐   **Blood** ☐   **Semen** ☐   **Other – Specify**: _____

Breed:_____

Animal Name :_____ **Regist #** _____

If not registered, specify the association you will be registering the animal with _____

Sex: Male ☐   **Female** ☐

Tattoo: _____   **Microchip** _____   **Ear Tag** _____

Date of Birth   (day)_____   (month)_____   (year)_____

Possible Sires to be checked Names (List additional sires on reverse side)	Regist. #	Check if DNA Profile completed	DNA Case # (if known)

Possible Dams to be checked Names (List additional dams on reverse side)	Regist. #	Check if DNA Profile completed	DNA Case # (if known)

Name of Applicant   _____ID No._____

Address: _____Town _____

Province/State _____ Postal/Zip Code_____ Country _____-Phone # _____

Please forward this form with the fees to CLRC. Refer to your association fee schedule for the current fees and the association regulations for the DNA requirements. Certain sample types may not be accepted by the lab depending on the species of animal.

HAIR SAMPLES MAY NOW BE SUBMITTED TO CLRC WITH THIS FORM if you are a Canadian resident testing at Maxxam Analytics, GenServe Laboratories, Delta Genomics and VGL Laboratories. **SEE REVERSE FOR INSTRUCTIONS.**

If a Hair Sample is <u>not</u> enclosed, send the kit to me by: ☐ Mail,   or ☐ Fax # _____

or ☐ E-Mail – My E-Mail Address _____

Dnatestkitapp.docx

N.B. In order to save time, Hair samples may now be submitted with this application **if you are a Canadian resident and the testing is to be done at Maxxam Analytics, Guelph, Ontario, GenServe Laboratories, Saskatoon, Saskatchewan, Delta Genomics, Edmonton, Alberta or VGL Laboratories, University of California, Davis**. CLRC will then forward the sample directly to the lab with the appropriate forms and information required by the lab. **Please do not send the sample with this application if you need to send blood, semen or other types of tissue or if you are a resident of the United States or other foreign country.** Wait for your kit to arrive and then send the DNA sample directly to the lab in order to minimize spoilage and cross-border delays.

Instructions for Collecting a Good Hair Sample

1. For horses, hair is pulled from above the withers on the mane.

2. For cattle and other species, hair is pulled from the tail switch.

3. Sheep may not be tested using hair.

4. Clean the area from which hair is to be pulled. Dirt, manure, urine and other foreign material will make the hair sample unfit for testing.

5. Secure 35 to 45 hairs from the tail switch with pliers or around your finger. Do not clip. Pull hair sharply up towards the animal (against the grain). The hair follicles (translucent bulbs) on the end of the hair shaft must be present for successful testing. If hair follicles are small or hard to see, repeat the procedure and combine the hairs. **Additional hair follicles will be needed if you are requesting multiple tests in addition to parentage verification.** Put hair follicles together and wrap tape around the hair to secure approximately 2 inches from the hair follicles. Do not curl the hair in the bundle. The hair bundle may be trimmed to 3 to 4 inches in length but be sure to retain the end with the hair follicles.

6. Tape the centre of the hair shafts to the middle of a piece of paper and then insert it into an envelope and seal it before sampling the next animal. Do not use plastic Ziploc bags. Make sure to write the identity of the animal on the envelope including the name, tattoo, ear tag and registration number, if any. This will make sure we can match your hair samples with your application forms.