

## **Procedures for Karyotyping**

### **To test an animal for presence of the 1:29 Robertsonian Translocation**

1. Collect the blood from the subject animal in a green stoppered 10ml vial. We require one (1) vial of whole blood from each animal to be tested.
2. The vial should be clearly labeled with the animal's name, tattoo or registration number.
3. The animal must be at least 8 weeks of age prior to sampling
4. The blood should be kept at room temperature – DO NOT REFRIGERATE prior to or during shipping. The blood should remain at room temperature. Protect from extreme heat or freezing.
5. The blood sample and a completed application form should be shipped to Genserve Laboratories as soon as possible after drawing. The sample must arrive in the lab within 48 hours of it being drawn. Ship the package via the most expeditious route possible. Overnight courier services are recommended.
6. Complete the application form as provided by Genserve Laboratories with as much information as possible and return it to the laboratory along with the sample.
7. Karyotyping results and the invoice for the testing fees are provided to the breed association. Please contact your breed association for the test results and fee schedules.

Submit samples to:

**Genserve Laboratories  
c/o Saskatchewan Research Council  
125 – 15 Innovation Blvd  
Saskatoon, SK S7N 2X8**