



Inqaba biotec

GLOBAL SUPPLIES

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ONE-STOP Ranching Service

Sample collection Protocol

Blood Samples

Only use EDTA blood collection tubes (tubes with purple lids) to collect blood for DNA analysis. Approximately 4 mL of blood is sufficient for DNA analysis. Thoroughly mix whole blood sample by inverting the tube 5 times.

FTA blood filter cards

These cards can be obtained from Inqaba biotec. You simply blot a few drops of blood on the card and it can be sent via ordinary post because it is stable at room temperature. Please just ensure you have enough blood (about a blot of 1-2cm x 1-2cm big).

Tissue Samples

Soft tissue samples can be stored at room temperature in a plastic container. Any muscle or skin tissue will work. A sample about the size of a pencil eraser is all that is needed (2 cm x 2cm).

Hair samples will not be accepted !

Labelling Procedures

All collected materials should be labelled. Labels should include the **species**, a unique number and a microchip number.

Storage before Shipment

Whole blood and tissue samples can be stored in the refrigerator (2 - 6°C) for up to one week. If you need to store the whole blood or tissue samples for longer than a week before sending them, keep in the freezer at -20°C.

Checklist

1. Samples for DNA analysis have been collected according to the sampling protocol	
2. The Molecular testing form has been fully completed	
3. If applicable, the Parentage Information form has been fully completed	
4. The Owner details section has been fully completed	
5. The sample declaration and disclaimer has been read, understood and signed	
6. The fully completed form has been included in the consignment	
7. The consignment is properly packaged	
a. The samples are packaged to prevent damage/leakage	
b. The consignment is properly sealed for transport	
i. The consignment must be sent via a courier service or by personal delivery.	