**COLLECTION OF TISSUE/SKIN/BLOOD/SCAT SAMPLES**

1. **For collection of meat/skin piece/scat**

   a. Use a high quality screw capped small vial

   **Note:** Do not use more than 100 ml/gram capacity

   b1. 2/3rd volume of the container with 70% or absolute Ethanol (ethyl alcohol which is chemically \( \text{C}_2\text{H}_5\text{OH} \))

   **OR**

   b2. Fill approximately half of the vial with Silica Gel (5-8 mess size)

   **Note:** 70% ethanol can be prepared by mixing of 75 ml ethanol with 25 ml of distilled/mineral or packed water. In ethanol sample can be stored on room temperature for many days.

   c. Place a piece of circular paper as a separator over the Silica Gel (do not put anything in case of ethanol)

   **Only in case of Silica gel**

   d. Place small meat (10-20 gms)/skin piece (3x3 cms)/fresh scat (15-20 gms.) over the filter paper (or **directly dip the sample in ethanol**) and make airtight with the cap. Please write the species and place, date of collection of the sample on the vial.

   **Note:** In case of ethanol preservation, **cap should be sealed properly and wrapped with parafilm/tape to avoid the leakage.**

2. **For collection of blood**

   a. Vacutainer tubes (blood may be collected as usual for routine purposes) and stored at 4°C (lower compartment of refrigerator) until handover to the lab.

   b. On glass slides (prepare a thick smear of blood on slide by repeating smearing process for a couple of times)

3. **Sealing of the samples**

   Place the packed sample in a cardboard box, wrap in a muscling/cotton cloth, stick all sides and seal with hot vax (resin/lakh) using impression of the official stamp of forwarding authority.
Send sealed vials/vacutainer tubes/slides by speed/registered post or by hand to:

The Nodal Officer
Wildlife Forensic and Conservation Genetics (WFCG) Cell
Wildlife Institute of India
Post Box No. 18, Chandrabani
Dehradun, Uttarakhand – 248 001
Phone : +91-0135-2646343
FAX No. : +91-0135-2640117

Documents/Informations Required for Forwarding the Samples

Following documents are required to undertake analysis work on wildlife offence cases:

1. Copy of POR/FIR (for wildlife offence).
2. Copy of seizure memo (for wildlife offence).
3. Copy of panchnama (for wildlife offence).

In addition, following details are needed for speedy finalisation of analysis work:

4. Name of suspected species.
5. Name of name preservative- Preferably ethanol (ethyl alcohol, C2H5OH) or silica gel
6. Image and of dead animal (if available).
7. Place of collection of the samples either GPS location or village, district and state

(Note: in case of forwarding reference samples, document No. 1, 2, and 3 are not required)