

# **Dogs Queensland and Massey DNA Sample Collection Instructions for Veterinarian or a Dogs Queensland Approved Collector.**

## **HAIR – Preferred collection method.**

- Hair pulled from between the shoulders or tail hairs are suitable.
- Grasp a tuft of 20-30 hairs as close to the skin as possible and pull evenly and slowly in a peeling motion away from the skin. It is essential that most hairs have intact hair roots. DO NOT CUT hair.
- Samples obtained in this way should have at least half of the hairs with intact hair follicles: these can be seen as small bulbs.
- Place hair samples into the labelled CANINE HAIR SAMPLE COLLECTION BAG.
- Complete the front of the Canine Hair sample Collection bag, including the Dog name, owner name and microchip number, and place into supplied envelope.
- Complete the animal details on the front of the CANINE DNA SAMPLE COLLECTION Envelope, ensuring you SCAN the microchip of the dog to verify identity. Place the MICROCHIP NUMBER sticker on the front of the envelope.  
The SAMPLER DETAILS box must be completed and signed by your Veterinarian or a Dogs Queensland Approved Collector.
- The Vet or Authorised DQ Collector will need to complete the Official Collection Paperwork - LITTER DNA TEST FORM' or 'REGISTERED DOG DNA TEST FORM'. Do not place this form into the TAMPER PROOF bag.
- Place up to 4 Sample ENVELOPES into the supplied TAMPER PROOF BAG, and ensure the Collector signs the front of the bag.
- Hair samples are stable and can be stored for years in dry, cool conditions and used for future DNA testing

## **SWABS**

- To avoid sample contamination from food, aim to collect samples 1-2 hours after the animal's last meal or suckling, if possible (drinking water is ok).
- Collect two (2) swabs per dog/pup. To avoid cross-contamination, always collect both samples for one dog before moving on to sample the next.
- Wash hands and use disposable gloves when collecting to avoid cross-contamination of DNA.
- Peel open the first swab case part-way and remove the swab, being careful not to touch the tip.
- Place swab in the mouth firmly against the cheek of the animal. Use a brisk rolling motion against the inside surface of the cheek for about 10 seconds to collect cheek cells (not just saliva).
- Allow swab to air-dry for about 5-8 minutes, this helps to prevent spoilage. Place swab back into the Swab sleeve, leaving the ends open (do not re-seal) and fill in the panel on the rear of the Swab sleeve, including the Dog name, owner name and microchip number, and place into supplied CANINE DNA SAMPLE COLLECTION Envelope. Repeat steps above with the second swab.
- Complete the animal details on the front of the CANINE DNA SAMPLE COLLECTION Envelope, ensuring you SCAN the microchip of the dog to verify identity.  
The SAMPLER DETAILS box must be completed and signed by the Veterinarian or a Dogs Queensland Approved Collector.
- The Vet or Authorised DQ Collector will need to complete the Official Collection Paperwork - LITTER DNA TEST FORM' or 'REGISTERED DOG DNA TEST FORM'. Do not place this form into the TAMPER PROOF bag.
- Place up to 4 Sample ENVELOPES into the supplied TAMPER PROOF BAG, and ensure the Collector signs the front of the bag.
- The DNA on swab samples can be spoiled by rotting, so swabs must be sent to our laboratory sooner rather than later.

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## **SEMEN**

- Collected by Veterinarian performing the Semen AI
- **FTA CARD – (available from Dogs Queensland)** - place a few drops onto the FTA Collection card before the rest of the vial is used and place in the completed CANINE DNA SAMPLE COLLECTION envelope. The SAMPLER DETAILS box must be completed and signed by your Veterinarian. Place the completed envelope into a Tamper Proof Bag, ensuring the Collector also signs the front of the bag.
- **VIALS or STRAWS** – place into a Tamper Proof bag and have your Veterinarian complete REGISTERED DOG DNA TEST FORM. Submit the sample and form to Dogs Queensland as soon as possible.

## **BLOOD**

- **FTA CARD** - place a few drops onto the FTA Collection card, allow to dry at room temperature for no less than 3 hours, place in the completed CANINE DNA SAMPLE COLLECTION envelope. The SAMPLER DETAILS box must be completed and signed by your Veterinarian. Place the completed envelope into a Tamper Proof Bag, ensuring the Collector also signs the front of the bag. The REGISTERED DOG DNA TEST FORM must also be completed by your Veterinarian.