



Orivet

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PAW PRINT GENETICS

DNA Collection Instructions

By carefully following these instructions, you will help ensure the DNA sample is viable for testing.



Swab Collection Video
Scan the QR code to watch
our swab collection video



Collection Instructions - Cheek Swab

Please wait at least 20 minutes after a meal or treat (drinking water is fine) to begin your DNA collection via swab. Separate young puppies for at least 10 minutes from each other and mum before swabbing.

Important Note – Before You Collect

- You can collect a DNA sample from your dog at any age (no minimum age requirements).
- Please note that collecting from very young puppies may make it harder to capture enough cheek cells and lead to poor sample collection.
- Pregnancy and medication do not affect the DNA sample.

Ensure quantity

Steps to capture sufficient quantity of cells:

1 STEP ONE

- ✓ Take 1 of the bristle (nylon) brushes
- ✓ Insert bristle heads against the inside of the cheek (inside the mouth)
- ✓ **Pinch the cheek** around the bristle heads firmly and roll the swab within the pinched area



- ✓ Swirl & Roll (circle motion) for a good 20 seconds to ensure you scrape enough **epithelial** cells (not saliva)
- ✓ Repeat on the other cheek using the 2nd and 3rd swab



If you have been provided a stabilisation buffer with your swabs, please insert the swabs into the provided stabilisation buffer tube. Break the swab at the indicated break point to ensure the swab fits securely within the buffer tube. Close the buffer tube tightly to prevent leakage. One sealed, place the buffer tube (containing the swabs) back into the original swab packaging for safe transport.

Collection Instructions - Cheek Swab (cont.)

2 STEP TWO

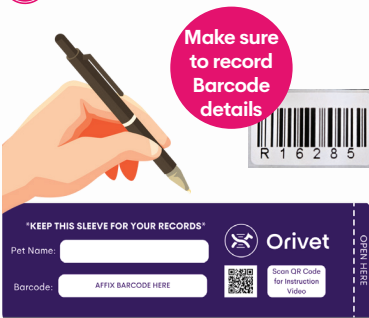


- ✓ Stand the swabs up in cup or other holder with the bristle head up
- ✓ Avoid moisture being trapped in the swab sleeve before sealing (Moisture attracts bacteria and this can cause any DNA to degrade)
- ✓ Once dried, place the swabs into the original packaging and seal packet closed with the barcode stickers

Important:

Ensure swabs are completely air-dried before placing them back into the pouch. Inserting wet swabs may compromise the sample and result in test failure, causing delays in your results.

3 STEP THREE



- ✓ Use the remaining barcode stickers as shown on swab packet and submission form (Hint: keep a record of the barcode on your files)
- ✓ Complete details on swab packaging



Important:

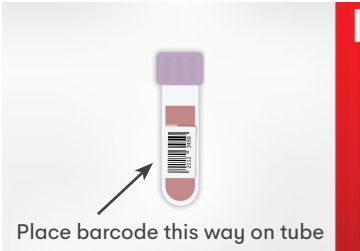
Please complete these steps before shipping your test(s)

1. Log in to your account and place an order for the test/s that you require (if you have not done so already).
2. Click the "Redeem Tests" button to Activate the Barcode.



Collection Instructions - Blood (Vet Only)

If collecting a blood sample is your preferred option, please advise your vet to collect at least 0.5ml in an **EDTA** tube.



- ✓ No other form of blood sample will be accepted.
- ✓ Use a barcode from the swab packaging to identify the blood sample collected and activate online.

Place each blood tube into a separate plastic zip lock bag. That way, if any leakage occurs, it is contained and will not cross contaminate any other collected blood samples. Refrigeration is not required.

Please ensure that it is packaged in a way that will not leak. eg: wrapped in cotton wool or tissue and in a plastic zip-lock bag.



Collection Instructions - Semen (Bag or Straw)

Option 1 (Preferred and Most Successful Option)

Place the breeding unit (entire straw or pellet) into a plastic zip lock bag (the smaller the better). An excellent way to ensure the straw is protected is to use the outside shaft of a ball point pen "BIC". Use the plastic top to seal one end. This shaft also helps protect the straw from any postal damage. Pellets are usually stored and shipped in an Eppendorf tube and this is sufficient for transporting. Or send 100ul (0.1ml) of semen in a microfuge tube, wrap or seal the lid with parafilm. This option has a 95% success rate.

Option 2

Empty straw(s) and semen "Whirl-Pak" thaw bags can be used and in many cases is sufficient to get a DNA profile. To assist and ensure that the sample is successful, simply place the empty straw and bags in a small zip lock bag. Do not seal the ends with tape or the plugs. The straws/or bags/residual semen is flushed out with sterile saline and this allows for any residualsemen to be eluted into a tube.

Troubleshooting - Common Issues That Delay Results:

1. Swabs returned wet — ensure complete drying.
2. No barcode activation — sample cannot be processed without it.
3. Insufficient cell collection — swab both cheeks for the full 20 seconds each.