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# DOGS QUEENSLAND DNA PROGRAMME

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Questions and Answers for Members



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**Most answers can be found on the Orivet website at our FAQs section:**

<https://www.orivet.com/faqs>

### **The cost of the Dogs Queensland DNA programme will be expensive!**

Remember the programme's only **focus (is compulsory) for DNA Profiling**, not disease. Dogs Queensland has negotiated an excellent price for their members. A DNA profile will cost members \$42.50 – this is a once off cost. Parentage is run at no extra charge. This is great value when compared to what canine members pay worldwide for DNA Profiling. This price also has no volume requirements. We have compared this price with other laboratories and we can honestly say this is the most affordable price worldwide.

- American Kennel Club \$40US (\$52.20AU)
- UC Davis \$40US
- Animal Health Trust 25 Pounds (\$42.70AU)
- Gensol Does not offer
- Animal Network \$70AU
- Pawsprint Genetics \$30-49US
- Animal Genetics \$35US
- Labkolin 40EUR (\$67AU)

This price has been negotiated to try and reduce the impact to members and Orivet has been an instrumental in putting this price together with very little margin. All this without a commitment to a specific volume.

As part of the negotiation, we have been able to give members access to an excellent price for Orivet Full Breed Profiles. These are available for members at \$120. This will allow members to not only DNA profile but screen for diseases and traits at the same time from the same sample.

### **What is the DNA profile information Orivet will provide?**

All DNA profiles will have an 88 Single Nucleotide Polymorphism Panel (Panel 1) on their certificate. Orivet will also include a further 200 SNPs for all DNA Profiles (Panel 2 100 SNPs 100SNPs and Panel 3) to be used for parentage verification. These 288 SNPs are the canine SNPs as selected by ISAG 2017 and to be used in developing an international panel. This will allow parentage to be confirmed for any pedigree no matter how low the inbreeding coefficient.

An online secure parentage tool will allow for the confirmation of parentage for members. This online tool generates a PDF report of parentage. This tool will allow interrogation using all 288 SNPs.

Orivet were appointed the ISAG Duty Lab for the 2017 Canine and Feline SNP Comparison Test. This involved the facilitation of extracted DNA to all participating laboratories. Analysing the data from each laboratory and comparing this to the result obtained by Orivet.

### **What are Orivet's lab accreditation?**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. General requirements for the competence of testing and calibration laboratories. This laboratory also meets the requirements of A2LA R216 – Specific Requirements: Veterinary Laboratory Accreditation Program.

### **What are the requirements?**

All samples must be submitted under an approved collection method. This will require collection by approved collection agents (veterinarians and members) and these will be appointed by Dogs Queensland. Dogs will also need to be verified by their microchip number at the time of collection. The process for training and requirements for collection agents is being drafted with Orivet. The key is to ensure sample integrity.

### **What about turnaround times?**

As part of our negotiations, we have been able to work to ensure a 7-10-day turnaround time. This means that results can be obtained and submit the DNA profile to Dogs Queensland in under 2 weeks. Moving forward, we are hopeful that we can put into place processes to improve efficiency and costs for members, such as express post, submitting directly to the laboratory and the batching of samples.

### **How are we going to access collection agents? Queensland is a large State and access will need to be available.**

We are in the process of arranging a list of Dogs Queensland Authorised Collectors (DQAC) and this list will be made available to members prior to the commencement of the DNA programme.

DQAC representatives will be available in all Zones and they will collect DNA samples free of charge and ensure the samples are submitted in a timely fashion to Orivet.

### **Who owns the DNA and the results?**

This is a good question. We believe that the results primarily belong to the owner and all results will be available in the owner's account. That said, if you commit to the programme at the price negotiated, then the DNA profile and a copy of that profile will also be made available to the Dogs Queensland database. Dogs Queensland will own its own copy of all animals' DNA profiled. Dogs Queensland will receive this information immediately upon upload of results to the owner.

### **I've had testing done by another lab, why should I pay again?**

If you have had a DNA profile done by another laboratory **under an approved collection**, you can submit a sample and a copy of that DNA profile to Orivet, who will DNA profile at no charge.

**I've had a DNA profile done by Orivet but it was not under an approved collection method. How would I get that approved and at what cost?**

This will require a new sample be collected and Orivet will need to carry out a DNA profile. This will unfortunately have a cost and be known as a "reconfirmation of collection method". The cost will be at a reduced fee of \$40.00.

**I do not want to use OriVet.**

As clearly stated, this is a DNA profiling programme so members can use any other laboratory for disease or trait testing. Any DNA profiling for the programme must come via Orivet as the processes and method of collection is automated to allow integration into pedigrees.

**I want to use semen; why should I have to sacrifice my last straw or any straw for this programme?**

Orivet is assisting members to allow the use of an empty straw. Although this process cannot be guaranteed for a result, it will give members that ability to not have to sacrifice a breeding unit. Members need to understand that semen will need to have special considerations. Positive ID will not be possible and extraction of DNA from semen is not guaranteed.

**My stud or brood bitch is dead, how can we DNA profile them?**

The programme is only about current breeding registrations. Members have the option to include any animals that may have been bred previously, however this is not a requirement for the programme. If it is not going to be part of a new registration, then it does not need to be DNA profiled.

**What do I, as a member, get from Dogs Queensland for being part of this programme?**

We are working with Orivet to have all DNA numbers (case numbers) printed on all pedigrees. Orivet will work with our I.T. to allow details to appear on reports through an API which will upload onto pedigrees.

**UPDATED Q & A's TO ORIGINAL DOCUMENT:**

**If a dog has been profiled internationally by a different company with the ISAG 2017 SNP markers, can those results be used?**

Yes. A PDF copy of the results, together with an excel (CSV) file to upload into the database. Please note this profile MUST be collected under an Approved Collection Method.

**Can swabs be accepted by Orivet from any country, regardless of quarantine laws?**

Yes, Orivet currently accepts samples from all over the world and has been for over 5 years. Orivet has an AQIS (quarantine) Permit and all details are also included on the envelopes with what is required – number and statement – to ensure clearance through customs.

**As the ISAG 2017 SNP marker panels were selected this year (2017), does this mean all previous profiles will need to be re-done, even if processed by Orivet with an approved collection method?**

Orivet has been providing Panel 1 (88 SNPs) of the ISAG 2017 Panel since 2011. As of July 2017, Orivet includes and runs Panel 2 (100SNPs) and Panel 3 (100SNPs) of the ISAG Marker Panels. These 288 SNPs will be included in all DNA Profiles.

**If Orivet fails to meet the turnaround times or produces errors in their reports, will members be compensated or is Orivet being given a captive client base with no repercussions for poor customer service?**

Dogs Queensland has negotiated a price based on making testing not only affordable but to ensure turnaround times assist with registration timelines. Turnaround times are based on when Orivet receives the samples. Delays can and may happen. Errors can also happen and in all these cases, Orivet will ensure that they work with the breeder and Dogs Queensland to ensure that any errors are resolved quickly and with minimal impact to the member. If a sample fails to process during this time, NO REGISTRATION will be delayed. Dogs Queensland has worked with Orivet to ensure this is communicated via the database and as long as the sample is submitted, it will not delay registration.

**By participating in this, members are forced to provide DNA profiles of all their dogs to Dogs Queensland. Is there any chance that this database will be accessed by outside parties, e.g. in legal cases, to identify a dog?**

The DNA Profile database is secure and backed up via a cloud service. This is managed by CreatIT/Orivet services. It belongs to, and can only be accessed by, Dogs Queensland approved members. Clients have the option to share part or all their DNA results with any other clients – vets, other breeders or third parties. This is only available from the breeder's personal account. The Dogs Queensland database only has DNA Profiling Information, together with owners and dogs' details.

**What information will be provided to pet (limited register) owners by Dogs Queensland on this profile? Will they be able to demand the detailed report or will the breeder be able to retain control of dissemination?**

The DNA Profile will be used for confirmation of parentage on the pedigree – Dam and Sire. Parentage confirmation, stating whether the details of the Dam and Sire qualify via DNA, will be included.

**What if Orivet can't get a DNA extraction from the Semen as stated in the last sentence? What does that mean for breeding? Does that mean we can't register the puppies?**

The realistic chance of NOT extracting DNA if the protocols have been followed is very slim. However, this will happen and we need to have a contingency plan in place.

**All swabs were taken by my vet and forwarded to Orivet. If this does give the required info for parentage, do these profiles count? Even though my vet at the time obviously wasn't an authorised collection agent?**

All vets are approved and need no authorisation. Any samples collected by a vet and identified via microchip meet the requirements of approved collection. Vets MUST follow the approved collection process and ensure all correct submission forms and signatures are carried out during the collection.

**Once parentage DNA has been done by an approved collection agent and processed by Orivet, it only has to be done once and that dog is recorded for life? And this profile is re-submitted with any resulting breedings?**

This profile is a once off fee and is “recorded for life”. Once done, it is not required to be profiled again. The DNA profile does not change.

**How do I find the list of approved collection agents? Is there one yet?**

Yes, all current approved collection agents can be viewed in the “Breeder Tools” once you log into your Orivet account. All finalised collection agents will be completed by the middle of December 2017. Dogs Queensland will also list these collection agents on their website. All collection agents will be accessible via mobile and email.

**I want to get started. What is the process for registering, ordering kits, etc?**

**Step 1.** Register Account Online - **You must be registered to access your Dogs Queensland discount.** If you have not set up an account, you need to register at <https://www.orivet.com/auth/login>. Please make sure that you fill in **ALL** your account details in your online profile – including your Dogs Queensland membership number.

**Step 2.** Once you have registered, click on the My Coupons tab in your online account and request

your unique Dogs Queensland coupon codes from admin. Once approved, your coupons will appear here for your use (to be used at Step 6). Please note all existing Orivet accounts must also follow this step.

**Step 3. Order Your Free Kits (swabs)** – kits are posted out free of charge. Please note that kits can take up to 3-10 days (welcome to Australia Post). You have the option of having kits posted to you via express post (guaranteed 1-3 days). This has a charge of \$9.95 upon checkout via the website.

**ONCE YOU HAVE YOUR KITS & SAMPLES HAVE BEEN TAKEN:**

**Step 4. Enter your Animals** – click in the My Animals section of your Profile. Start to add your animal's details. **Please Note:** once you add a microchip number, this cannot be changed. Editing a microchip number can only be done by Orivet Admin.

**Step 5.** You're ready to **Order a Test**. Click on **Place Order**. Select appropriate test for your animal/s.

Tests available to Dogs Queensland members and their reduced rates are:

1. **Canine DNA Profile** - \$42.50 per dog
2. **Canine DNA Profile – Approved Collection Method Re-Confirmation** – for a sample that has already been tested, either by Orivet or another laboratory and required an Approved Collection Method - \$40 per dog
3. **Any Canine Full Breed Profile** - \$120 per dog.

**Step 6. Review your shopping cart** and *apply your unique coupon/s* for the appropriate product/s.

**Step 7: Activate your barcode/s** (after confirming the Shopping Cart Order) **and confirm collector details.**

Although all collection agents and some veterinarians will have the necessary material and paperwork to ensure correct collection, it is recommended you take your collection kits and paperwork with you to the collection.

**Approved Collection Method Forms MUST BE SUBMITTED with all samples.**