



## TEST DESCRIPTION:

1. **Fish Spp ID:** Identification of fish species
2. **Specific Spp test:** Cat, Dog, Cow, Horse, Human, Donkey, Sheep, Pig, Goat present (mixed meat sample)
3. **Spp Quantification test:** Cow, Sheep, Pig, Chicken, Turkey, Duck Quantification (mixed meat sample)
4. **Any Spp ID test:** Identify any species present (Unknown sample – not mixed)

## COLLECTION AND HANDLING OF SAMPLES:

**Meat, Fish or tissue samples:** Please keep frozen. Supply approximately 5 cm<sup>2</sup> or less of a mixed meat sample. Fish and other meat or tissue samples may be collected in small containers with coarse salt as preservative using the following procedure.

DNA testing to identify a species, requires only a small amount of sample material. Furthermore, the growth of bacteria may occur during transportation if the samples are exposed to temperatures above 4°C for extended periods of time. It is thus recommended that instead of freezing, the samples that are sent in for testing, should be preserved by dry salting. This method is used to draw the moisture out, which helps to reduce the growth of unwanted bacteria. The following procedure is thus recommended to ensure the preservation of sample quality during transportation:

Items required: plastic zip lock bag / container with screw cap, rough table salt (sodium chloride - NaCl), blade to cut samples

1. The sample should preferably be flesh that contains no scales, skin or blood. Any residual blood should be washed off. The sample should be thoroughly thawed before storing in salt.
2. Fill a plastic container or plastic bag with a layer of rough salt. Ensure that the size of the bag or container is relative to the sample size, i.e. it should be just big enough so that the sample remains covered with salt at all times.
3. Cut a 2cm x 2cm sample and lay the flesh on the salt. To avoid contamination across samples, ensure that the blade used to cut the sample is thoroughly washed or discarded between samples.
4. Cover the exposed flesh with another layer of salt to ensure that the entire sample is covered. For example, for a 2cm<sup>2</sup> sample, approximately 20g of salt is required to absorb any moisture.
5. Seal the bag or container.
6. Ensure that the package is kept at room temperature (20°C - 25°C) throughout transportation.

**COST OF TEST** (per sample, vat incl.):

Fish Species Identification:	<b>R700</b>
Cat, Dog, Cow, Horse, Human, Donkey, Sheep, Pig, Goat present (mixed meat sample):	<b>R200</b>
Cow, Sheep, Pig, Chicken, Turkey, Duck Quantification (mixed meat sample):	<b>R1500</b>
Identify any species present (Unknown sample – not mixed):	<b>R700</b>
Bone samples, tanned skins, teeth, scales:	<b>R1000</b>

**Please note:** Test results will only be made available after receipt of full payment. One copy of the results will be sent to the owner / submitter indicated above.

**If the test results are required for investigation purposes and may be used as evidence, please contact the laboratory for guidelines on sample collection and handling.**

**ACCOUNT INFORMATION:**

Owner/ Company \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_ Cell: \_\_\_\_\_

E-mail: \_\_\_\_\_

VAT number: \_\_\_\_\_

**NO TESTING WILL BE DONE UNTIL FULL PAYMENT HAS BEEN RECEIVED.**

**PLEASE EMAIL PROOF OF PAYMENT TO: [vglpayments@gmail.com](mailto:vglpayments@gmail.com)**

Direct deposits may be made into the following account (Please send the proof of payment with the samples or via email – the samples will not be tested without proof of payment):

Bank:	ABSA
Account number:	2140000038
Branch:	335545 (Hatfield)
Reference:	Owner's name and AB916

*Stored samples: The samples will be stored indefinitely in the reference library of the VGL. Every effort will be made to ensure that the samples are maintained in the condition submitted. All samples are kept on behalf of the "owner" as specified in the space provided. Samples will only be used as specified by the "owner" on this form unless ceded to the VGL or other party in writing by the owner. If a request for use of the samples arises in the future or the owner requests further testing, this request must be made in writing and the permission of the "owner" obtained.*

**DISPATCH OF SAMPLES:**

Samples should be sent in by the most rapid means possible. Avoid sending samples late in the week or prior to statutory holidays. Samples can be sent by:

**Courier to:** Veterinary Genetics Laboratory  
Faculty of Veterinary Science  
University of Pretoria  
Soutpan Road  
Onderstepoort

**Speed Service to:** Veterinary Genetics Laboratory  
Private Bag x04  
Onderstepoort  
0110