



BioDetect
Results in Excellence

Sampling, Preserving and Sending Samples

INSTRUCTIONS

Sampling

1. The sample must be representative. If it is a large tissue or a whole fish, the point where DNA isolation will be done should be indicated.
2. If several tissue pieces are sent in the same tube, the selection of the sample by BioDetect for DNA isolation will be random. Generally, this sample shipping option is not recommended.
3. The quantity of sample should be sufficient for the tests requested. In the case where only DNA isolation is required, a small piece of tissue is sufficient.
4. Necessary handling during sampling requires sterile tools (forceps, spatulas, spoons, packages) and the sampler's hands should be covered with sterile gloves.
5. The information (Unique sample code / point and time of sampling) is noted on a label, which is stuck on the container. It is recommended to avoid sending samples without any code. Also, it is recommended to avoid simple codes like 1, 2, 3... or A, B, C... for easier later identification of the results.

Below is a summary Table with instructions for sample preparation.

Analysis	Sample	Quantity	Preservation	Sampling Container
PCR	Tissues (spleen, kidney etc)	Whole organ or representative tissue pieces >100mg	RNAlater (1 day at 37°C, 1 week at 25°C, 1 month or more at 4°C)	Sterile tube type Eppendorf (1.5 ml) or type Universal (20 ml) or type Falcon (50 ml)
PCR	Eggs	>2 ml	As is in the sample water (keep at 4°C, do not freeze, if shipped the same day)	Sterile tube type Eppendorf (1.5 ml) or type Universal (20 ml) or type Falcon (50 ml)
Staining	Tissues (spleen, kidney etc)	Whole organ	Avoid freezing, fast shipping on ice in sterile buffer or without any preservation fluid	Sterile tube type Eppendorf (1.5 ml) or type Universal (20 ml) or type Falcon (50 ml)
Culturing	Tissues (spleen, kidney etc)	Whole organ	Avoid freezing, fast shipping on ice in sterile buffer or without any preservation fluid	Sterile tube type Eppendorf (1.5 ml) or type Universal (20 ml) or type Falcon (50 ml)

Arranging shipment

1. Please note that shipping arrangements are made exclusively by our customers and the full cost of shipping/sending of samples is met by our customers and not BioDetect.
2. We recommend that samples are sent to us via courier or recorded delivery to ensure full track and trace of your consignment.
3. Please drop us a quick email to let us know that the samples are on the way once this is arranged and provide us with the tracking number if that is available.
4. Our full postal address:
BioDetect
Department of Sustainable Agriculture
University of Patras
2 Seferi str., Agrinio
30100, Greece
Consideration: George Tsiamis (+30 6976 685012) / Panayota Stathopoulou (+30 6977 479169)
5. Our email address: biodetect@upatras.gr

Response Time

- Molecular analysis: 3 to 5 working days.
- Staining: 3 to 5 working days.
- Cultivation: Depending on the strain

Further information can be found at: <http://www.biodetect.gr/>