

## Brief instructions for taking samples for bacterial or viral pathogen detection

### CATS

#### FCoV

- 0.5 ml serum or plasma
- rectal swab

#### FIV

- 0.5 ml serum or plasma
- conjunctiva or nasopharynx swab – in the acute phase of infection

#### FeLV

- 0.5 ml serum or plasma
- conjunctiva or nasopharynx swab – in the acute phase of infection

#### Feline herpes virus

- swab of conjunctiva, nasopharynx, buccal mucosa
- 0.5 ml whole blood in EDTA tube (see instruction: [www.genomia.cz](http://www.genomia.cz) – Information – Forms to download – blood sampling instruction)

#### Chlamydomphila felis

- conjunctiva swab, nasopharynx swab – in the acute phase of infection

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### DOGS

#### Canine herpes virus

- swab of conjunctiva, nasopharynx, genital
- 0.5 ml tracheal lavage
- 0.5 ml whole blood in EDTA tube (see instruction: [www.genomia.cz](http://www.genomia.cz) – Information – Forms to download – blood sampling instruction)
- tissue from dead individual

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### BIRDS

#### Chamydophila psittaci

- cloaca or choana swabs, eventually nostrils or conjunctiva swabs

#### APV+PBFD

- feather, blood in EDTA, blood card

**Write collection day to the sample. Deliver samples to the lab within 48 hours!**

## **Instructions for nasal, conjunctival, rectal and genital swab sampling**

**Samples have to be sent to the laboratory on the day of collection. Do not send samples on Friday! Samples have to be delivered to the laboratory within 48 hours!**

You can order swabs for sampling in the laboratory using online ordering form (the ordering system gives you numbers for labeling the samples), or by email or phone. You can also use your own sterile swabs.

**Laboratory provides two swabs for one animal – each swab can be used for sampling of different mucosae. Swabs will be analysed together like a mixed sample. If you like test the swabs separately, we will charge you two analysis – it is necessary to ask for separately testing!**

Swab sampling can be performed by the breeder or by the veterinarian who can also check and confirm the identity of the sample.

### **Collection procedure:**

Recommendation: Take samples of one animal only at a time! If you have to take samples of several animals, first finish completely the sample collection from the first animal before you continue with the other one. In this way, you prevent the mutual contamination of samples.

1. Label legibly the plastic cover of the swab with the animal identification data (sample number, if assigned; name of the animal, chip...).
2. Remove the sterile swab from the packaging. Do not touch the swab! Pay attention that the swab does not get into contact with other surface than the mucosae of the examined animal.
3. Perform collection of the mucosae cell carefully, firmly scrape the swab several times in the opposite directions, rolling the swab to cover with cells.
4. Air dry the swab for several minutes - don't put it down, hold the it in the hand. A wet swab may cause that fouling process is started on the way to the laboratory.
5. Place the dry swab directly in the labelled plastic cover.
6. Repeat whole process with the second swab.
7. Place labeled samples in bubble envelope with the return address and send it by regular mail to the laboratory address: Genomia, Janackova 51, 323 00 Plzen, Czech Republic.