**Sampling - instructions**

**Sex determination in birds (DNA)**

**Suitable biological samples for determining sex:**

- beak swadder

- 2-3 drops of blood spread on filter paper or cotton bud

- 3-5 torn pens with pulp at the end of the quill

**RECOMMENDATION**: pre-sample the requisition and collection kit, the requisition write

 the ring number, and then start the

**Sampling procedure:**

**A) BEAK SWAB + SALIVA**

**Spawn for weaned chicks or 1 – 2 hours after feeding by parents or after feeding!**

1. remove the sampling swam from the cover, do not touch the cotton wool end and avoid contact with the surroundings (e.g.: cage, perch, walls,...)
2. fix the bird or at least isolate it from others
3. carefully insert the sampling swam into the beak or offer the cotton wool part and wait for the bird to bite it and touch it with the tongue of the cotton wool part
4. **wipe off the tongue and inner wall of the upper or lower wall of the beak by turning, it is desirable that the bird bites the tampon, but must not bite or break it**
5. put the tampon back in the package
6. repeat the swab with the same procedure with the second swabcomplete the
7. requisition and send the samples to the laboratory

**If the bird does not sufficiently rub its tongue against the cotton part, bites it little, take 1-2 more feathers or blood for enough genetic material.**

**B) BLOOD**

1. clean the injection site on the toe or claw for trimming from dirt and faeces
2. make a gentle injection into the finger or trim the claw
3. attach the filter paper or cotton bud to a drop of blood
4. suck and repeat about 2 - 3x
5. let the blood dry
6. **a)** insert the filter paper into a zipper bag

 **b)** put the cotton bud back in the package

1. complete the requisition and send the samples to the laboratory

**COLLECTION OF FEATHERS**

1. fix the bird
2. with tweezers pluck 3-5 feathers with pulp (blood at the end of the quill)
3. let the feathers dry
4. put them in a zipper bag
5. describe the bag (e.g.: ring number, serial number, bird name)
6. complete the requisition and send the samples to the laboratory