

[ENGLISH]

## Avian Sample Collection Guide



### Avian Feather Sample Collection

#### Precautions:

If you are inexperienced in handling birds, we recommend that samples to be taken by an experienced bird handler or by a veterinarian. This precaution is for you and the bird's safety.

#### Materials

- i) Tweezer
  - ✓ Please clean the tweezer with alcohol swab
  - ✓ Wash your hands before you collect sample for the next bird.
- ii) Online Submission (Malaysia customers)/ Printed Feather Collection Form (Overseas customers)
- iii) Transparent masking tape
- iv) Envelope/ Ziplock bag
  - ✓ 1 bird sample in 1 ziplock bag. Do Not Mix different sample in 1 bag!

#### Sample collection methods

1. Fill in details in Online Submission/ Feather Collection Form, then label the envelope / ziplock bag with
  - a. Owner's Name
  - b. Bird's Name/ Ring ID
  - c. Bird Species

2. Hold the bird safely, pluck the chest feathers as below:
  - a. Use tweezers to pluck the chest feathers
  - b. Grab the base of the feather close to skin of the bird's chest (refer Figure 2).
  - c. Pluck ONE (1) feather at a time. Total THREE (3) feathers are required.
  - d. The plucked feathers should have follicle (white coloration) at the end. Large feathers may contain some blood which shall be remained as it contains DNA for the testing.

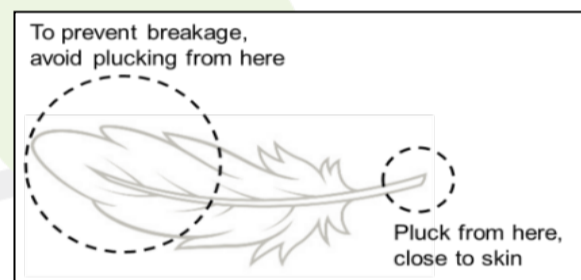


Figure 2: Proper plucking

3. Follow below instruction to submit the collected feathers:
  - a. Do not touch the follicle/quill end of the feather sample.
  - b. Method 1 (Malaysia customers): For each bird, put their feathers into the prepared individual envelope or ziplock bag;  
Method 2 (Overseas customers): Stick each feather on the available space of Feather Collection Form; and insert them into the prepared individual envelope or ziplock bag.

**NOTE:** Do not mix different bird samples into the same envelope / ziplock bag.

*Each envelope/ ziplock bag should contains only 1 set of feather samples from the same bird.*

4. Send the prepared samples to us to address below:

#### APICAL SCIENTIFIC SDN. BHD.

Lot 7-1 to 7-4, Jalan SP 2/7,  
Taman Serdang Perdana, Seksyen 2,  
43300 Seri Kembangan, Selangor, Malaysia.

Attn: MBS-5008