

[ENGLISH]

## Avian Sample Collection Guide

### Avian Blood Sample Collection

#### Precautions:

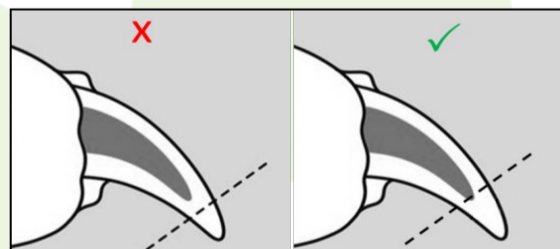
If you are inexperienced in handling birds, we recommend that samples to be taken by an experienced bird handler or by a veterinarian. This precaution is for you and the bird's safety.

#### Materials

- i) Nail clippers
  - ✓ Please clean the nail clippers with alcohol swab
  - ✓ Wash your hands before you collect sample from the next bird.
- ii) Coagulant (e.g. Styptic powder, starch, coagulant suitable for birds)
  - ✓ To stop bleeding from nail clipping
- iii) Alcohol swabs
  - ✓ For cleaning the nail clippers and bird's toenail
- iv) Online Submission (Malaysia customers)/ Printed Blood Collection Form (Overseas customers)
- v) 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/ Blood Collection Form, then label the envelope / ziplock bag with
  - a. Owner's Name
  - b. Bird's Name/ Ring ID
  - c. Bird Species
2. Clean bird's toenail with alcohol swab
3. Hold the bird safely, use cleaned nail clippers and clip the bird's toenail (refer Figure 1 (b)) to get blood sample.
4. Gently squeeze the toenail a little if there is no blood.
5. Spot 1 - 3 small drops of blood on a dry A4 paper or Blood Collection Form.
6. Let the blood dry for 1 hour on a clean surface.
7. Make sure the bird is no longer bleeding before placing back into cage or you can stop the bleeding by applying starch or other coagulant that is suitable for bird.
8. Insert the dried cut papers or Blood Collection Form into the prepared individual envelope/ ziplock bag.



(a) (b)  
Figure 1: (a) Regular nail clipping disable bleeding; (b) Nail clipping to bleed for sampling.

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

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

9. 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**