WildCare's Anticoagulant Rodenticide Research Study - Phase Two

Revised: June 12, 2015

WildCare is in Phase Two of our Department of Pesticide Regulation research study on the effects of anticoagulant rodenticide (AR) exposure in wildlife and domestic dogs and cats. **Your client is a volunteer or constituent of WildCare who expressed interest in their dog or cat's participation**. Recently, second generation anticoagulant rodenticides (SGARs) have been designated as restricted-use materials in California and as a result are not readily available to unlicensed retail consumers. Phase Two will help determine the effectiveness of this regulatory change.

Thank you for your consideration and the opportunity to introduce the study. Your client has also requested participation when scheduling the appointment at your clinic. Please contact **Lacey Babnik, WildCare's Research Coordinator at lacey@wildcarebayarea.org or at 415-453-1000, ext. 26 if you decline participation.**

Disclosure

Participation is free and confidential. WildCare will pay for the courier service fee and cost of the AR screen. **WildCare cannot be responsible for paying for treatment incurred as a result of exposure to anticoagulant rodenticide.** Your identity and clinic's participation are confidential.

Study Guidelines and Sample Requirements

We ask that you **submit at least a 1.0 mL serum/plasma in a RTT** from your patient to be tested for the presence of anticoagulant rodenticides. Samples should only be taken during a routine blood draw.

Samples will be sent through IDEXX's courier service to the toxicology lab at UC Davis, where they will perform the AR screen. The AR screen tests for the presence of eight ARs; four SGARs: brodifacoum, bromadiolone, difenacoum, difethialone, and four first generation rodenticides (FGARs): chlorophacinone, coumachlor, diphacinone and warfarin.

Lab results will be sent directly to your hospital when you provide your email address in the highlighted field on the lab submission form, which will be provided by WildCare. Please be sure to fill out the forms completely. As much information as possible has been pre-filled to save your staff time. We have provided your client with sample forms for reference.

How to send samples:

- Send at least 1.0 mL of serum/plasma; please store in a red top tube (RTT), no additive.

- Fill out IDEXX and CAHFS forms, fold separately. **Fill out the highlighted lines**; see sample forms for details. Include forms with serum/plasma in sample bag.
- Please do not send samples Friday through Sunday due to increased fees. Send samples no more than three days from draw date. Store in refrigerator.

Participant Informed Consent

Your client has been informed of the following:

- **The definition of anticoagulant rodenticide** and its physiological effects
- **The anticoagulant rodenticide screen is not a diagnostic tool for emergency care.** They are informed that the results only identifies the presence of and indicates levels of ARs, and does not indicate blood clotting time, and therefore need for treatment.
- **The turnaround for final results takes one to two weeks. You will inform your client of the results.**
- If the patient tests positive for one or more ARs, you, as their veterinarian will determine if medical treatment is necessary.
- **WildCare will not pay for fees or treatments incurred as a result of exposure to anticoagulant rodenticides.**

WildCare Contact: Lacey Babnik, Research Coordinator, 415-453-1000 x 26, lacey@wildcarebayarea.org. Thanks!