

Directions for Blood Collection for MSU Thyroid/Addison's Disease Study In Tollers

If doing thyroid panel/OFA and Addison's study:

- Have a veterinarian or vet tech draw **8-10 cc's** of blood (jugular stick is often best, as it is less likely to be hemolyzed, and it is quick). The blood can be drawn in either a plastic syringe or a vacutainer.
- Place the blood in a 10 cc serum separator tube or 2 smaller tubes. Allow the blood to clot for 15 min. and then centrifuge the tubes to separate the red blood cells from the serum. Make sure all tubes are properly labeled with each pet's name
- Once the serum is separated, pour each sample into an individual labeled plastic vial (you can combine the serum from 2 separator tubes into one plastic vial).
- Freeze or refrigerate the serum (a regular fridge/freezer is fine) in the plastic vials and send overnite (or 2 day priority) on ice directly to Dr Rick at MSU . Do not send on a Fri or Sat as the Dept. will be closed before the next delivery, and the samples may thaw if left for the weekend without refrigeration. Place the tubes in a sealable plastic bag, and place an ice pack and paper padding in a box with the tubes to be sent.
- Also include a filled out study form for each dog, and \$20.00 for each thyroid test. (Checks can be made out to MSU). If you wish the thyroid test results forwarded to OFA, you must also fill out an OFA form and include a check to OFA for each test requested. If you have more than 5 dogs (same ownership) to be OFA tested, then the price is \$7.50 per dog. For less than 5 dogs it is \$15.00 per dog. You **can** do the thyroid profile without the OFA certification.

Thyroid Profile only:

- Follow instructions above, but only **5-6 cc** of blood is needed.

Addison's disease only:

- Recommended for young dogs not old enough to need a thyroid profile (Pups less than 12 months)
- Follow the directions for the combined test, but only 3-4 cc of blood needed.
- No OFA form needs to be sent

Please be sure to mark the box at the very top of the study form whether the sample is to be submitted for thyroid only, addison's only or combination.

Please send the samples to the following address:

Susan Beyerlein/Dr. Markus Rick
Toller Study
Dept of Endocrinology
Michigan State University
4125 Beaumont Rd, Rm 122
Lansing, MI 48910

Thank you for your support and participation in this groundbreaking study!