

Michigan State University Ocular Melanosis Study



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PROTOCOL FOR SENDING ENUCLEATED EYES IN FORMALIN

1. Following aseptic eye removal, please remove extraocular tissues such as muscles and eyelids
2. Using a syringe, please inject a small volume of 10% buffered formalin into the globe to allow even fixation, taking care not to deform or damage the globe.
 - a. Alternatively, make about four small slits in the equator of the globe (using a #11 blade) to allow penetration of the fixative. These slits should just penetrate into the vitreous taking care not to crush the globe or damage the intraocular structures as they are made.
3. The globe should then be submerged in 10% buffered formalin. Seal the container so it does not leak. Sample can be refrigerated until time of shipment.
4. Place container in a ziplock bag, then inside a small Styrofoam container with freezer packs. Please bear in mind that eye must stay cold during shipping.
5. The Styrofoam container should then be placed inside a cardboard box for shipping.
6. Ship overnight to address above. Include the words, "Please deliver immediately – on ice", and, "exempt animal specimens" on the outside of the package.

We would also like the following:

1. A blood sample (~7ml in EDTA or citrate blood tube)
2. A copy of the dog's pedigree (if available)
3. A copy of the latest OFA eye examination form or any report that you may have about your dog's eye disease.
4. A completed Information form

Many thanks for your help with this project:

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