

**LOUISIANA ANIMAL DISEASE DIAGNOSTIC LABORATORY**

School of Veterinary Medicine  
Louisiana State University  
P.O. Box 25070  
Baton Rouge, LA 70894  
Phone (225) 578-9777  
FAX (225) 578-9784

**TOXICOLOGY**

Sample requirement for all animals:

**Message:**

Lead: \$25.00 No less than 25 microliters ( $\mu$ L). Hep. (green) or EDTA (lavender/purple) whole blood.  
Copper: \$21.00 No less than 150  $\mu$ L. Serum (red), or Hep. or EDTA plasma.  
Zinc: \$22.00 No less than 25  $\mu$ L. Serum or Hep. plasma. Stay away from EDTA plasma. Many vials from Sarstedt have been found to contaminate samples with zinc, such as clear, green, purple and brown top vials, and those with gel separator as well. Also, avoid "Vacutainer"-type tubes with rubber stoppers, except the 'Royal Blue'. An all plastic sample tube/vial is acceptable too. If drawing blood with a syringe, transfer the sample into a vial right away to avoid zinc contamination coming from the tip of the plunger. Also, hep. Hematocrit tubes are OK, sealed at least on one side. Some sealants may contain zinc and contaminate the sample. (CritoSeal and StatSpin are OK.)

A single sample consisting of **heparinized whole blood** may be submitted for Lead and Zinc/Copper. It should contain at least 300 microliters of whole blood and be in a vial approved for zinc testing.

For UPS, FedEx, and DHL samples please use the following address:

La. Animal Disease Diag. Lab  
1909 Skip Bertman Dr., **Rm 1519**  
Baton Rouge, LA 70803

For regular USPS mail, please use:

P.O. Box 25070  
Baton Rouge, LA 70894