

## Sample submission guidelines

### **Please send all samples to the following address:**

Kansas State University Vet Diagnostic Lab  
Dept. of DM/P, Comparative Hematology  
Attention: Sue Chavey  
1800 Denison Avenue  
Manhattan, KS 66506-5605

### **Iron, TIBC, Ferritin, Ceruloplasmin, Haptoglobin tests:**

Serum should be removed from the clot, placed into a plastic capped tube, and frozen at  $-20^{\circ}\text{C}$ . Frozen tubes should be packed in a leak-proof container with absorbent material. This package should be placed inside a second container with frozen gel packs or dry ice. Overnight service is recommended. Ideally, the sample should be cool upon arrival.

### **Non-heme iron test:**

Tissue such as heart, liver, spleen, kidney, or lung should be harvested and placed in a plastic Ziploc bag, sealed, and frozen at  $-20^{\circ}\text{C}$ . Frozen bags of tissue should be packed in a leak-proof container with absorbent material. This package should be placed inside a second container with dry ice. Overnight service is recommended. Ideally, the sample should be frozen upon arrival.

### **Dog and cat blood typing tests:**

The specimen for this test should be whole blood collected into an EDTA tube (purple top tube) and refrigerated at  $4^{\circ}\text{C}$ . Wrap EDTA tube in bubble packing, place in a small Ziploc bag and then put in a Styrofoam container. Now place a small refrigerated ice pack (***NO** frozen ice packs*) on top of the EDTA tube, close the Styrofoam container, and secure with tape to seal shut. Overnight service is recommended. Ideally, the sample should remain cool upon arrival.

### **Alpha-mannosidase test:**

Sodium heparin whole blood tubes (green top) should be shipped the same day it is drawn. Tubes should be packed in a Styrofoam tube container and taped shut. The styrofoam tube container should then be put in a plastic bag with absorbent material. This should be put into a box or suitable container with refrigerated ice packs (***NO** frozen ice packs*). Overnight service is recommended. Ideally, the sample should remain at  $4^{\circ}\text{C}$  upon arrival.