

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:

Iron and TIBC sample must be serum. Plasma sample can be used for ferritin, ceruloplasmin, and haptoglobin. Hemolysis must be avoided if possible as it can cause erroneous results. Serum should be removed from the clot, placed into a plastic capped tube, and frozen at -20°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°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°C . Wrap EDTA tube in bubble packing, place in a small Ziploc bag and then put in a Styrofoam container. 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°C upon arrival.