

**CLINICAL PATHOLOGY SAMPLE COLLECTION AND SHIPPING INSTRUCTIONS**

Hematology			
Collection Material	Sample Volume	Sample Preparation	Shipping Conditions
<b>EDTA Tubes - Lavender top 2mL (large animals) or 0.5mL (rodents)</b>	Minimum of 175µL Whole Blood	Whole blood collection - invert tubes with blood about 7 times to mix EDTA with blood.	Never freeze! Ship with cold packs but don't let tubes come in contact with ice packs.
Chemistry			
Collection Material	Sample Volume	Sample Preparation	Shipping Conditions
<b>Serum Separator Tubes - Red top 2mL (large animals) or 0.5mL (rodents)</b>	Large Panels = 200µL Renal Panel = 125µL Hepatic Panel = 90µL Single Tests = 40µL	Allow blood to clot at room temp for 20-30min. Centrifuge 15 min at 2500 rpm. Draw off serum into transport tube.	If shipping same day of collection, ship on cold packs. If longer than 24 hours, ship frozen on dry ice.
Coagulation			
Collection Material	Sample Volume	Sample Preparation	Shipping Conditions
<b>Sodium Citrate Tubes - Light blue top 2mL (large animals) or 0.5mL (rodents)</b>	Add 1 part of 3.2% sodium citrate solution to 9 parts of whole blood. Mix thoroughly.	Centrifuge 15 min at 3000 rpm. Draw off plasma into transport tube. Freeze plasma within 4	Ship frozen on dry ice.
Urinalysis			
Collection Material	Sample Volume	Sample Preparation	Shipping Conditions
<b>Sterile Vial</b>	250µL - 1,000µL	Collect urine as sterile as possible avoiding contact with the coat.	Ship on cold packs. Don't freeze.

**HISTOPATHOLOGY SAMPLE COLLECTION AND SHIPPING INSTRUCTIONS**

How to Collect	Fixation	Shipping
Place excised tissues in 10% Neutral Buffered Formalin (NBF) at a ratio of 30% tissue to 70% NBF. Large tissues should be scored to allow proper fixation.	Tissues should remain in fixative a minimum of 48 hours prior to processing. Keep at room temperature.	Make sure the formalin jar lids are tight and will not pop off during shipping. Place jars in sealable plastic bags with absorbent material to contain any potential leaks. Pad the jars for protection.