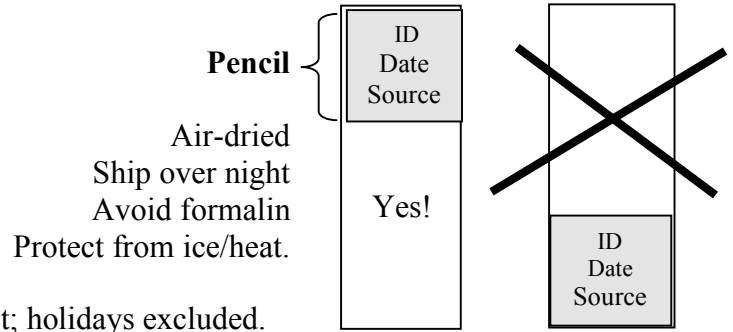
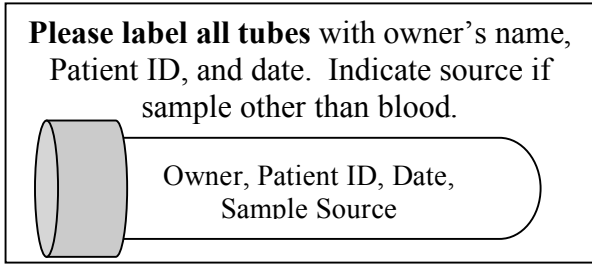


CLINICAL PATHOLOGY SAMPLE SUBMISSION GUIDELINES

CYTOLOGY SLIDE LABELING:



Cytology Samples: Freshly prepared films *required*.

- **Turn-around:** Less than 48 hours after receipt; holidays excluded.
- **History and lesion description** is crucial for accurate evaluation.
- **Stain** at least 1 film if shipping is delayed and to check sample quality. Leave others unstained.
- **Fluids** are best preserved in EDTA. Include freshly made direct +/- concentrated films. Label source.
- **CSF** requires immediate processing. Refer to manual or call for guidance.
- **Synovial fluid:** Mucin clot reaction is inhibited by EDTA; additional heparin or clot tube recommended.
- **Bone marrow:** Freshly made direct marrow films +/- excess in EDTA; label as marrow. Concurrent blood tube *and* fresh films for CBC/retic is **strongly** recommended and is **included** in cost. If blood is not available, provide concurrent CBC/reticulocyte data, including histograms/cytograms and blood film.
- **Lymph nodes:** Indicate sites for evaluation of individual node findings.
- **Urine:** Air-dried sediment w/o coverslip at room temp and/or sediment in capped conical tube. cold pack

Barring unforeseen circumstances, every effort will be made to complete requests, other than cytology, the same day if received by 7pm. Holidays excluded. Please do not hesitate to contact the lab if extenuating circumstances exist. Call back fees may apply.

HEMATOLOGY

- | | | |
|------------|--|--|
| CBC | ▪ Includes automated platelet count and plasma protein | <i>Purple top must be at least ¾ full, clot free, and cold pack</i> |
| | ▪ Includes reticulocyte count if anemic (Eq excl) | <i>but no direct contact with ice.</i> |
| | ▪ Large Animal CBC includes Fibrinogen | <i>Fresh, air-dried films insulated from cold required if</i> |
| | ▪ Avian/Reptile CBC includes WBC, PCV, Diff | <i>shipping.</i> |

DIAGNOSTIC PROFILES

Small/Small Exotic Animal	Food Animal/Ruminant/ Lg Exotic Mammal	Equine	Avian/Reptile
Glu BUN Creat	Glu Creat, T-Bili, Iron	Glu BUN Creat T-Bili	Glu BUN Ca Phos
Chol T-Bili, Iron	TP Alb Glob A/G	TP Alb Glob A/G Ca Phos	TP Alb Glob A/G
TP Alb Glob A/G Ca Phos Mg	Ca Phos Mg	Mg AST CK GGT SDH	AST CK Uric Acid
AMY ALP ALT AST CK GGT	AST CK GGT SDH	Lytes T-CO2 Anion Gap	Lytes T-CO2 Anion Gap
Lytes T-CO2 Anion Gap	Lytes T-CO2 Anion Gap		

Immunohematology:

- Fresh EDTA whole blood. Add patient clot tube and donor EDTA and clot tube for crossmatch.

Coagulation:

- Citrate (blue top tube) must be filled to, but not beyond capacity via non-traumatic venipuncture.
- Submit whole blood at room temperature if w/in 2hrs of collection.
- If shipping delayed, submit frozen plasma.
- INR calculated at no charge if box checked.

Urine Fractional Excretions (weekdays only):

- Includes Na K Phos Ca (Eq excludes Ca)
- Serum and Urine collected concurrently.

Biochemistry:

- Fasted clot tube samples preferred.
- Remove serum from cells w/in 30 minutes of collection. Refrigerate.
- Heparin plasma acceptable for all but bile acids, ethylene glycol, lipase, osmolality.

Ionized Calcium and CO, MetHgb:

- Local clients
- Anaerobic heparinized whole blood
- Balanced heparin preferred
- ≥ 2 ml syringe sample for i-Ca to minimize interference w/ liquid heparin.
- Store on ice-water; submit within 2 hours and notify lab upon arrival.