

## ROOD & RIDDLE EQUINE HOSPITAL VETERINARY LABORATORY

accepts specimens from local and out-of-state veterinarians.

Please call 859-233-0331 for information on mailing specimens or additional tests. We prefer that samples be shipped Fed-Ex or UPS to ensure timely delivery.

### DELIVERY SERVICE ADDRESS:

2150 Georgetown Road Lexington, KY 40511

### U.S. POSTAL SERVICE ADDRESS:

P.O. Box 12070 Lexington, KY 40580

## LEGEND:

**RED Top** - No additive  
**PURPLE Top** - EDTA  
**GREEN Top** - Heparin  
**BLUE Top** - Na citrate  
**YELLOW Top** - ACD

TEST	SAMPLE REQUIRED	COMMENTS
<b>Hematology - same day results</b>		
Complete CBC	Purple and red top	Includes differential and fibrinogen
CBC Pre-surgery	Purple and red top	Includes a fibrinogen
CBC	Purple top	Includes differential
Fluid Analysis	Purple top	Includes WBC, RBC, TP
CSF Analysis	Purple and red top	Includes WBC, RBC, MTP
<b>Chemistry - same day results</b>		
BUN	Red or green top	
Creatinine	Red or green top	
SGOT/AST	Red or green top	
T. Bili	Red or green top	
D. Bili	Red or green top	
ALP/SAP	Red or green top	
LDH	Red or green top	
CPK/CK	Red or green top	
SDH	Red or green top	For best results, keep cool and submit within 3 hours
GGT	Red or green top	
Albumin	Red or green top	
Calcium	Red or green top	
Phosphorous	Red or green top	
Glucose	Red or green top	
Electrolytes	Red or green top	Includes Na, K, Cl, HCO <sub>3</sub>
<b>Master Panel</b>	Red or green top	Includes all above chemistries
<b>Basic Panel</b>	Red or green top	All of the above chemistries excluding electrolytes
<b>Foal Profile</b>	Red top	Includes BUN, Creatinine, and IgG
Bile Acids	Red top	
Lipase	Red top	
Amylase	Red top	
Triglycerides	Red top	
Cholesterol	Red top	
Ammonia	Green top	Keep on ice; submit sample within 30 min
Magnesium	Red or green top	
IgG	Red top	
Blood Gases	Heparinized syringe	Submit sample within 10 min
Milk Electrolytes	Sterile container	Includes Na, K, and total calcium

TEST	SAMPLE REQUIRED	COMMENTS
Colostrum IgG	Sterile container	
Immunophoresis	Red top	Includes IgG
<b>Coagulation - same day results</b>		
PT	Blue top	
PTT	Blue top	
Platlet Count	Blue or purple top	
<b>Clotting profile</b>	Blue top	Includes PT, and PTT
<b>Hormone Assays - same day results</b>		
ACTH	Purple Top	
Progesterone	Red top	
Testosterone	Red top	
T4	Red top	
TT3	Red top	
Cortisol	Red top	
Insulin	Red top	
Troponin I	Red top	
<b>NI Screening - results available in 1-3 days</b>		
Blood type	Yellow top	
Antibody screen	Red top	Collect and submit sample 3 weeks prior to foaling
<b>Immunoematology - same day results</b>		
Coombs	Purple top	
Jaundice Foal Agglutination	Colostrum in a sterile container and foal's blood in a purple top	
Transfusion Crossmatch	Purple top of donor and each recipient	
<b>Serology</b>		
AGID Coggins 24 hours	Red top	Set up at 3 PM & available the following day at 3 PM
ELISA Coggins 2 hours	Red top	Upon submission, notify lab technician
Online EIA results are also available via GlobalVetLink		
<b>Microbiology - *Results are not finalized until 72 hours after submission ** All samples with positive preliminary results are called to the doctor each morning</b>		
Culture / Sensitivity	Amies media, sterile container or swab	Label the sample with patient, vet, site
Salmonella	Specimen in sterile container or swab	48 hours before preliminary results
ARD Culture	Fluid sample in sterile container	Antibiotic Removal Device
Anaerobic	Amies media, sterile container, or swab	
Mycology / Fungal	Amies media, sterile container, or swab	Results may take 3-21 days
<b>Cytology - same day results</b>		
Urine cytology	Pre-prepared slide	
Fluid cytology	Fluid sample in sterile container or EDTA	Identify source
<b>Fecal Testing - same day results</b>		
Rotavirus	Fecal specimen in sterile container	
Clostridium difficile toxin	Fecal specimen in sterile container; sample must be submitted before 2 pm each day	
Clostridium perfringens toxin	Fecal specimen in sterile container; sample must be submitted before 2 pm each day	
Fecal Egg Count	Fecal specimen in sterile container	
Fecal Occult Blood	Fecal specimen in sterile container	
Cultures	(See Microbiology)	
<b>Miscellaneous Testing - same day results</b>		
Antibiotic Levels	Red top	Peak or trough for Amikacin and Gentamicin
Serium Amyloid A (SAA)	Red top	