

### TESTING SUMMARY

CHEMISTRY				
Test	Performed	Turnaround	Sample	Comments/Special Instructions
Ammonia	Daily	1 day	7ml blood in heparin (green)	Submit within 30 min of collection; keep cool or on ice
Bile Acids	Daily	1 day	7 ml blood in red top	Shield from light
Bilirubin Profile (T Bili, D Bili, InD Bili)	Daily	1 day	7 ml blood in heparin (green)	Shield from light
Blood Gases	Daily	1 day	1-2 cc blood in syringe (corked)	Lab needs sample ASAP; within 10 mins of collection
Cardiac Enzymes (CPK, LDH, AST)	Daily	1 day	7 ml blood in heparin (green)	
Chem Profile (Alk P, GGT, BUN, Cr, LDH, AST, CPK, Glu, Inor P, Alb, Ca, Na, K, Cl, CO2, T Bili)	Daily	1 day	7 ml blood in heparin (green)	
Colstrum IgG	Daily	1 day	5-7 ml colostrum in sterile container	
Direct Bilirubin	Daily	1 day	7 ml blood in heparin (green)	
Electrolytes (Na, K, Cl, CO2, TP)	Daily	1 day	7 ml blood in heparin (green)	
Glucose Tolerance	Daily	1 day	series 7 ml bloods in heparin (green)	Specify collection times
IgG	Daily	1 day	7 ml blood in EDTA (purple) or heparin (green)	
Individual Chemistries	Daily	1 day	7 ml blood in heparin (green)	
Intracellular K+	Daily	1 day	7 ml blood in heparin (green)	Hemolyzed samples will be rejected
Ionized Calcium	Daily	1 day	7 ml blood in heparin (green)	
Lactate	Daily	1 day	7 ml blood in sodium fluoride run on Olympus(grey); 7 ml blood in heparin run manually(green)	Submit within 30 min of collection; keep cool or on ice
Liver Profile (LDH, Alk P, GGT, AST, T Bili)	Daily	1 day	7 ml blood in heparin (green)	
Magnesium	Daily	1 day	7 ml blood in heparin (green)	
Milk Electrolytes (NA, K, Ca, Ionic Points)	Daily	1 day	7 ml milk in sterile container	
Osmolality	Daily	1 day	7 ml blood in heparin (green)	
SDH	Daily	1 day	7 ml blood in heparin (green)	
Therapeutic Profile (Hemagram, Lytes)	Daily	1 day	7 ml blood in heparin (green) + 7 ml blood in EDTA (purple)	
Triglycerides	Daily	1 day	7 ml blood in heparin (green)	
Urine Fractionation Panel (Cr, GGT, Co2, K, Na, Cl)	Daily	1 day	2 ml urine in sterile container	

### TESTING SUMMARY

COAGULATION				
Test	Performed	Turnaround	Sample	Comments/Special Instructions
AT3	Season-Daily until 2pm; Non-season M-F until 2pm S-S until 10am	1 day	5 ml blood in sodium citrate (blue)	Submit within 30 min of collection; keep cool or on ice; Notify lab within two hours of collection
FDP	Daily	1 day	5 ml blood in sodium citrate (blue)	
PT	Daily	1 day	5 ml blood in sodium citrate (blue)	Submit within 30 min of collection; keep cool or on ice
CYTOLOGY				
Uterine Cytology	Daily	1-2 days	uterine swab; pre prepared slide	
Fluid Cytology	Daily	1-2 days	1-2 ml fluid in EDTA (purple); pre prepared slide	Specify source
HEMATOLOGY				
Body Fluid Analysis (WBC, RBC, TPP, cytology)	Daily	1-2 days	3 ml fluid in EDTA (purple)	Specify source
CBC (w/ platelet)	Daily	1 day	7 ml blood in EDTA (purple)	
CSF Analysis (includes cytology (WBC/RBC when indicated) and Glu, LDH, CK, Microprotein)	Daily	1-2 days	3 ml CSF in EDTA (purple) and 3 ml CSF in plain red top	
Platelet Count	Daily	1 day	7 ml blood in EDTA (purple)	
Fibrinogen	Daily	1 day	7 ml blood in EDTA (purple)	
Foal Profile (CBC, TP, IgG)	Daily	1 day	7 ml blood in EDTA (purple)	
Hemogram	Daily	1 day	7 ml blood in EDTA (purple)	
Urinalysis	Daily	1 day	10 ml urine in sterile container	
Total Plasma Protein	Weekly	1 day	7 ml blood in EDTA (purple)	

### TESTING SUMMARY

HORMONAL ASSAY				
Test	Performed	Turnaround	Sample	Comments/Special Instructions
PMSG	as needed	1-7 days	7 ml blood in plain red top	Do Not use serum separator tubes.
Progesterone	M-F (season)	1-7 days	7 ml blood in plain red top	Do NOT use serum separator tubes; during the off season, run on an as needed basis
T4	as needed	1-7 days	7 ml blood in plain red top	Do Not use serum separator tubes.
IMMUNOHEMATOLOGY				
Transfusion Crossmatch	Daily	1 day	7 ml each recipient and donor blood in plain red top	Notify lab prior to collection; Hemolyzed specimens rejected
Coombs	Daily	1 day	7 ml blood in EDTA (purple)	Notify lab prior to collection; Hemolyzed specimens rejected
Jaundice Foal Agglutination	Daily	1 day	7 ml colostrum in sterile container AND 7 ml Foal's Blood in red top	Do NOT use serum separator tubes.
NI Screen	Season- M-F, cutoff 11am	1-3 days	7 ml in blood plain red top	Collect within two weeks of mare foaling; do NOT use serum separator tubes; Available weekends for additional \$60 charge; Hemolyzed Hemolyzed specimen rejected
MICROBIOLOGY				
Abscess	Daily	3-5 days	Purulent material submitted in sterile container, Clear Amies Media, or LQ Stuart's Media	Specify source; submit within 2 hours of collection; if delay, please refrigerate
Anaerobe	Daily	3-5 days	Specimen submitted in sterile container, Clear Amies Media, or Port A Cult Tube	Specify source; submit sample within 1 hour of collection if in sterile container or Clear Amies Media; if sample cannot be submitted within 1 hour of collection, use Port a Cult tube; ID only, no sensitivities performed
Blood Culture	Daily	4-5 days	5 - 10 mls of venous blood using sterile techniques injected into Blood Culture Bottle.	
Clostridium difficile Toxin	Daily	1 day	Fecal specimen submitted in sterile container or fecal swab in LQ Stuart's Media	Submit sample within 2 hours of collection; Refrigerate specimens held longer than 2 hours post collection; specimen can be refrigerated @ 2-4 C for up to 72 hours
Clostridium perfringen Enterotoxin	Daily, Cutoff time 10 am	1-2 days	Fecal specimen submitted in sterile container or fecal swab in LQ Stuart's Media	Submit specimen within 1/2 hour of collection, and verbally notify lab personnel when submitting specimen
Dermatophyte	Daily	5 days	Piece of skin	Keep sample at room temperature until processed
Eye	Daily	3-5 days	Swab submitted in Amies Clear Media or LQ Stuart's Media	Submit specimen within 2 hours of collection; refrigerate if delay.
Fecal Aerobe	Daily	2-5 days	Fecal specimen submitted in sterile container or fecal swab in LQ Stuart's Media	Submit sample within 2 hours of collection; if delay in processing refrigerate specimen
Fecal Anaerobe or Clostridium perfringens	Daily	3-5 days	Fecal specimen submitted in sterile container, Clear Amies Media, or Port A Cult Tube	Submit sample within 1 hour of collection if in sterile container or Clear Amies Media; Use Port a Cult tube if >1 hour sample of submission; ID only, no sensitivities performed
Fecal Egg Counts	Daily	1-2 days	2 tbsp fecal material in sterile container	Ziploc bags are NOT acceptable- use sterile specimen cups or knotted sleeves

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MICROBIOLOGY				
Test	Performed	Turnaround	Sample	Comments/Special Instructions
Fecal Occult Blood	Daily	1 day	Fresh fecal specimen submitted in sterile container	Minimum ample amount should be about the size of a quarter
Foal Diarrhea Panel (Rotavirus, C.diff Toxin, Fecal Aerobe, Fecal Anaerobe, Salmonella, Cytology)	Daily	3-5 days	Fresh fecal specimen submitted in sterile container or 6 swabs submitted in LQ Stuart's Media	Submit specimen within 1 hour of collection
Wound	Daily	3-5 days	Swab submitted in Amies Clear Media or LQ Stuart's Media	
Nasal	Daily	3-5 days	Nasal flush or nasal swab submitted in Amies Clear Media, or LQ Stuart's Media	Note whether for "Strept Equi Screen" or "Nasal For Everything"
Rotavirus	Daily	1 day	Fecal specimen submitted in sterile container or fecal swab in LQ Stuart's Media	Submit sample within 2 hours of collection; if delay in processing refrigerate specimen
Salmonella	Daily	3-5 days	Fecal specimen submitted in sterile container or fecal swab in LQ Stuart's Media or Amies Clear Media	Submit sample within 2 hours of collection; if delay in processing refrigerate specimen
Stallion Culture	Daily	2-5 days	Swab submitted in Amies Clear Media or LQ Stuart's Media	Specify site; ie. Prepuce, urethra, fossa
Sterile Body Fluid	Daily	3-5 days	Fluid submitted in sterile container, Clear Amies Media, or LQ Stuart's Media	Keep sample at room temperature until processed
Strept equi Screen	Daily	2-5 days	Specimen submitted in sterile container, Clear Amies Media, or LQ Stuart's Media	Specify site; Submit sample within 2 hours of collection; if delay in processing refrigerate specimen
Trans Tracheal Wash (TTW)	Daily	3-5 days	Specimen submitted in sterile container, Clear Amies Media, or LQ Stuart's Media	Submit sample within 2 hours of collection; if delay in processing refrigerate specimen
Uterine	Daily	2-5 days	Swab submitted in Amies Clear Media or LQ Stuart's Media	Submit sample within 2 hours of collection; if delay in processing refrigerate specimen
SEROLOGY				
AGID Coggins	Daily	2 days	7 ml blood in red top	Set up M-F @ 3pm, available following day @ 4:30pm; Offseason: Sat-Sun set up @ 10AM, Fri & Sat Coggins available Sun 10am and those submitted Sat available Mon 10am due to shortened operating hours
ELISA Coggins	Daily	1-2 days	7 ml blood in red top	For ELISAs needed ASAP please call in advance so lab personnel can prep reagent