



**Specimen Requirements Key**  
 S=Serum, red or marble top CSFrt=Cerebrospinal Fluid in red top CSFedta=Cerebrospinal fluid in EDTA purple top WB=EDTA purple top whole blood NW=Nasal Wash GPW=Guttural Pouch Wash NS\*=Nasal Swab TW=Tracheal Wash F=Feces FS\*=Fecal Swab U=Urine

Serology	Specimen (minimum volumes)	Days Tested	TAT
EPM, Sarcocystis neurona SAG2,4/3 ELISA	1ml S or 1ml CSFrt	Mon-Fri	Same Day
EPM, S. neurona western blot	1ml S or 1ml CSFrt	Mon, Wed, Fri	Day of Test
EPM, Neospora hughesi ELISA	1ml S or 1ml CSFrt	Mon, Thurs	Day of Test
Equine Infectious Anemia (EIA) AGID, Coggins	1ml S	Mon-Fri	1 day
Equine Infectious Anemia (EIA) ELISA	1ml S	Mon-Fri	Same Day
Lawsonia intracellularis ELISA	1ml S	As Requested	1 day
Streptococcus equi M-protein (SEM) ELISA	1ml S	Tues & Thurs	Day of Test
West Nile Virus (WNV) IgM Capture ELISA	1ml S	Wed	1 day
<b>MOLECULAR (real-time PCR)</b>			
Clostridium difficile A & B toxins PCR	5g Feces or 1 FS	Mon-Fri	Same Day
Clostridium perfringens & A, B, E & NetF toxins PCR	5g Feces or 1 FS	Mon-Fri	Same Day
Cryptosporidium PCR	5g Feces or 1 FS	Mon-Fri	Same Day
Equine Arteritis Virus (EAV) PCR	1 NS or 5ml NW	Mon-Fri	Same Day
Equine Coronavirus PCR	5g Feces or 1 FS	Mon-Fri	Same Day
Equine Herpesvirus 1 (EHV1) PCR w/ORF30 mutation	1 NS or 5ml NW or 7ml WB	Mon-Fri	Same Day
Equine Herpesvirus 4 (EHV4) PCR	1 NS or 5ml NW	Mon-Fri	Same Day
Equine Influenza Virus (EIV) PCR	1 NS or 5ml NW	Mon-Fri	Same Day
Equine Rhinitis Virus A & B PCR	1 NS or 5ml NW or 5ml U	Mon-Fri	Same Day
Lawsonia intracellularis PCR	5g Feces or 1 FS	Mon-Fri	Same Day
Neospora hughesi PCR	1ml CSFedta	Mon-Fri	Same Day
Potomac Horse Fever (PHF) PCR	5g Feces or 1 FS	Mon-Fri	Same Day
Rhodococcus equi PCR	5ml TTW or 5g F or 1 FS	Mon-Fri	Same Day
Rotavirus PCR	5g Feces or 1 FS	Mon-Fri	Same Day
Salmonella spp.PCR	5g Feces or 1 FS	Mon-Fri	1 day
Sarcocystis neurona PCR	1ml CSFedta	Mon-Fri	Same Day
Streptococcus equi PCR	5ml NW or 5ml GPW or 1 NS	Mon-Fri	Same Day
Streptococcus zooepidemicus PCR	5ml NW or 5ml GPW or 1 NS	Mon-Fri	Same Day
<b>EPM PANELS</b>			
S. neurona SAG2,4/3 ELISA Titer Ratio	1ml S and 1ml CSFrt	Mon-Fri	Same Day
N. hughesi ELISA Titer Ratio	1ml S and 1ml CSFrt	Mon & Thurs	Day of Test
S. neurona & N. hughesi ELISA Titer Ratios	1ml S and 1ml CSFrt	Mon-Fri	Day of Test
S. neurona western blot & SAG2,4/3 ELISA	1ml S or 1ml CSFrt	Mon-Fri	Day of Test
S. neurona SAG2,4/3 ELISA & N. hughesi ELISA	1ml S or 1ml CSFrt	Mon-Fri	Day of Test
S. neurona PCR & N. hughesi PCR	1ml CSFedta	Mon-Fri	Same Day
<b>NEUROLOGIC PANELS</b>			
I: EPM SAG2,4/3 Ratio,WNV IgM ELISA,EHV1 PCR	(1ml S and 1ml CSF) and (1 NS or 7ml WB)	Mon-Fri	Per Each test
II: EPM SAG2,4/3 ELISA, WNV IgM ELISA, EHV1 PCR	(1ml S) and (1 NS or 7ml WB)	Mon-Fri	Per Each test
III: EPM western blot, WNV IgM ELISA, EHV1 PCR	(1ml S) and (1 NS or 7ml WB)	Mon-Fri	Per Each test
EPM S. neurona SAG2,4/3 ELISA & WNV IgM ELISA	1ml S	Mon-Fri	Per Each test
EPM S. neurona SAG2,4/3 ELISA Ratio & WNV IgM ELISA	1ml S and 1ml CSFrt	Mon-Fri	Per Each test
EHV1 PCR on both NS & WB	(1 NS or 5ml NW) and (7ml WB)	Mon-Fri	Same Day
<b>RESPIRATORY PANELS</b>			
EHV1 & EHV4 PCR	1 NS or 5ml NW	Mon-Fri	Same Day
S. equi, EHV1, EHV4, EIV PCR	1 NS or 5ml NW	Mon-Fri	Same Day
S. equi, EHV1, EHV4, EIV, EAV, ERAV/ERBV PCR	(1 NS or 5ml NW) and (5ml U, optional)	Mon-Fri	Same Day
<b>GI PANELS</b>			
Foal: C. dif, C. perf, Coronavirus, Cryptosporidium, Lawsonia, PHF, R. equi, Rotavirus, Salmonella	3 FS or 5g F	Mon-Fri	Per Each test
Adult: C. dif, C. perf, Coronavirus, PHF, Salmonella PCR	2 FS or 5g F	Mon-Fri	Per Each test
Lawsonia PCR & Lawsonia ELISA	(1ml S) and (1FS or 5g F)	Mon-Fri	Day of Test
<b>ADD ON TESTS</b>			
EHV1 PCR additional to any Panel	1 NS or 7ml WB	Mon-Fri	Same Day
CSF Analysis	1ml CSFrt and 1ml CSFedta	Mon-Fri	Same Day
Specific antibody index	1ml S and 1ml CSFrt	Mon-Fri	Same Day
Streptococcus equi back up culture for PCR	1 NS or 5ml NW	Mon-Fri	2 days
Rhodococcus equi back up culture for PCR	5ml TTW or 5g F or 1 FS	Mon-Fri	2 days
Albumin	1ml S	Mon-Fri	Same Day
FedEX Standard Overnight Shipping	Pre-printed labels available from EDS.		

1. Please include a completed test request form with each submission and keep a copy for your records.
2. If you need shipping and packaging information please call EDS for detailed instructions.
3. \* Dacron swabs should be used to collect specimens for PCR. Place swab in plain red top tube. Do not place swabs in transport media with charcoal.
4. Please notify the lab if you require PCR testing performed on a Saturday.
5. Turn around times are based on receipt of samples by 12:00pm EST.