

TEST	SPECIMEN (minimum volumes)	TEST DAYS	TAT
MOLECULAR (Real-Time PCR)			
Anaplasma phagocytophilum	7mL WB ^{EDTA}	Mon-Fri	Same Day
Clostridium difficile A & B toxins	5g F OR 1 FS	Mon-Fri	Same Day
Clostridium perfringens w/ A, B, E & NetF toxins	5g F OR 1 FS	Mon-Fri	Same Day
Cryptosporidium spp.	5g F OR 1 FS	Mon-Fri	Same Day
Equine coronavirus (ECoV)	5g F OR 1 FS	Mon-Fri	Same Day
Equine herpesvirus 1 w/ variants (EHV-1)	1 NS OR 5mL NW OR 7mL WB ^{EDTA}	Mon-Fri	Same Day
Equine herpesvirus 4 (EHV-4)	1 NS OR 5mL NW	Mon-Fri	Same Day
Equine influenza virus (EIV)	1 NS OR 5mL NW	Mon-Fri	Same Day
Equine rhinitis virus A & B (ERAV/ERBV)	1 NS OR 5mL NW OR 5mL Urine	Mon-Fri	Same Day
Equine rotavirus A & B	5g F OR 1 FS	Mon-Fri	Same Day
Lawsonia intracellularis	5g F OR 1 FS	Mon-Fri	Same Day
Neorickettsia risticii (Potomac Horse Fever-PHF)	5g F OR 1 FS OR 7mL WB ^{EDTA}	Mon-Fri	Same Day
Neospora hughesi	1mL CSF ^{EDTA}	Mon-Fri	Same Day
Rhodococcus equi	5g F OR 1 FS OR 5mL TTW	Mon-Fri	Same Day/1 Day
Salmonella spp.	5g F OR 1 FS	Mon-Fri	1 Day
Sarcocystis neurona	1mL CSF ^{EDTA}	Mon-Fri	Same Day
Streptococcus equi	1 NS OR 5mL NW OR 5mL GPW	Mon-Fri	Same Day
Streptococcus zooepidemicus	1 NS OR 5mL NW OR 5mL GPW	Mon-Fri	Same Day
ADD ON TEST : Streptococcus spp. backup culture for PCR	1 NS OR 5mL NW	Mon-Fri	2 Days Minimum
Rhodococcus equi backup culture for PCR	5mL TTW	Mon-Fri	2 Days Minimum
MOLECULAR PANELS (Real-Time PCR)			
RESPIRATORY PANEL: S. equi, S. zooepidemicus, EHV-1, EHV-4, EIV, ERAV/ERBV	1 NS OR 5mL NW (5mL Urine optional)	Mon-Fri	Same Day
VIRAL RESPIRATORY PANEL: EHV-1, EHV-4, EIV	1 NS OR 5mL NW	Mon-Fri	Same Day
STREPTOCOCCUS PANEL: S. equi and S. zooepidemicus	1 NS OR 5mL NW OR 5mL GPW	Mon-Fri	Same Day
EHV-1 PANEL on BOTH NS and WB	(1 NS OR 5mL NW) AND 7mL WB ^{EDTA}	Mon-Fri	Same Day
PHF PANEL on BOTH WB and Feces	(5g F OR 1 FS) AND 7mL WB ^{EDTA}	Mon-Fri	Same Day
FEVER OF UNKNOWN ORIGIN PANEL: S. equi, S. zooepidemicus, EHV-1, EHV-4, EIV, ERAV/ERBV, A. phagocytophilum, ECoV	(1 NS OR 5mL NW) AND 7mL WB ^{EDTA} AND (5g F OR 1 FS)	Mon-Fri	Same Day
FOAL G.I. PANEL: C. difficile A & B, C. perfringens w/ A, B, E & NetF toxins, Cryptosporidium spp., L. intracellularis, ECoV, R. equi, Rotavirus A & B, Salmonella spp.	<u>3</u> FS OR 5g F	Mon-Fri	Per Each Test
ADULT/WEANLING G.I. PANEL: C. difficile A & B, C. perfringens w/ A, B, E & NetF toxins, ECoV, L. intracellularis, N. risticii (PHF), Salmonella spp.	<u>2</u> FS OR 5g F	Mon-Fri	Per Each Test
LAWSONIA PANEL: L. intracellularis RT-PCR and ELISA	1mL S AND (1 FS OR 5g F)	Mon-Fri	Day of Test
ADD ON TEST : N. risticii (PHF) to any panel	5g F OR 1 FS OR 7mL WB ^{EDTA}	Mon-Fri	Same Day
SPECIMEN KEY: S: Serum - Red, White or Marble top CSF^{RT} : Cerebrospinal Fluid in Red top CSF^{EDTA} : Cerebrospinal Fluid in EDTA Purple top F : Feces FS : Fecal Swab (x2, x3) WB^{EDTA} : EDTA Purple top Whole Blood NS : Nasopharyngeal Swab NW : Nasopharyngeal Wash GPW : Guttural Pouch Wash TTW : Transtracheal Wash U : Urine			

- Please include a completed test request form with each submission and keep a copy for your records.
- Turn around times (TAT) are based on receipt of samples by 12:00PM EST.
- Dacron swabs should be used to collect specimens for PCR. Place swab in a plain red top tube with 0.5-1mL of sterile water. Viral transport media can be used.
- Do not place PCR swabs in bacterial gel transport media or charcoal transport media for PCR.
- The additional EHV-1 PCR will be performed on any submissions with both a nasal swab and a whole blood.

TEST	SPECIMEN (minimum volumes)	TEST DAYS	TAT
SEROLOGY			
EPM, Sarcocystis neurona SAG 2/4/3 ELISA Titer	1mL S OR 1mL CSF ^{RT}	Mon-Fri	Same Day
EPM, Sarcocystis neurona Western Blot	1mL S OR 1mL CSF ^{RT}	Mon, Wed, Fri	Day of Test
EPM, Neospora hughesi ELISA Titer	1mL S OR 1mL CSF ^{RT}	Mon & Thurs	Day of Test
Lawsonia intracellularis ELISA	1mL S	As Requested	1 Day
Streptococcus equi M-protein (SeM) ELISA Titer (May 1 - Dec 31)	1mL S	Tues & Thurs	Day of Test
<i>SeM ELISA seasonal pricing (Jan 1 - April 30)</i>	1mL S	Tues & Thurs	Day of Test
West Nile virus (WNV) IgM capture ELISA (Jan 1 - Jun 30)	1mL S	Wed	1 Day
<i>WNV IgM capture ELISA seasonal TAT (Jul 1 - Dec 31)</i>	1mL S	Mon & Wed	1 Day
SEROLOGY PANELS SAI: Specific Antibody Index			
1) S. neurona SAG 2/4/3 ELISA serum to CSF Titer Ratio + SAI	1mL S AND 1mL CSF ^{RT}	Mon-Fri	Same Day
2) N. hughesi ELISA serum to CSF Titer Ratio	1mL S AND 1mL CSF ^{RT}	Mon-Fri	Day of Test
3) S. neurona and N. hughesi ELISA serum to CSF Titer Ratio + SAI	1mL S AND 1mL CSF ^{RT}	Mon-Fri	Day of Test
4) S. neurona and N. hughesi ELISA Titers	1mL S OR 1mL CSF ^{RT}	Mon-Fri	Day of Test
5) S. neurona Western Blot and SAG 2/4/3 ELISA Titer	1mL S OR 1mL CSF ^{RT}	Mon-Fri	Day of Test
ADD ON TEST : CSF Analysis	1mL CSF ^{RT} AND 1mL CSF ^{EDTA}	Mon-Fri	Same Day
NEUROLOGIC PANELS SAI: Specific Antibody Index			
1) S. neurona SAG 2/4/3 ^{ELISA} serum to CSF Titer Ratio + SAI and WNV IgM ^{ELISA} , EHV-1 ^{RT-PCR} , A. phagocytophilum ^{RT-PCR}	1mL S AND 1mL CSF ^{RT} AND 7mL WB ^{EDTA} (1 NS optional)	Mon-Fri	Per Each Test
2) S. neurona SAG 2/4/3 ^{ELISA} Titer and WNV IgM ^{ELISA} , EHV-1 ^{RT-PCR} , A. phagocytophilum ^{RT-PCR}	1mL S AND 7mL WB ^{EDTA} (1 NS optional)	Mon-Fri	Per Each Test
3) S. neurona SAG 2/4/3 ^{ELISA} serum to CSF Titer Ratio + SAI and WNV IgM ^{ELISA}	1mL S AND 1mL CSF ^{RT}	Mon-Fri	Per Each Test
4) S. neurona SAG 2/4/3 ^{ELISA} Titer and WNV IgM ^{ELISA}	1mL S	Mon-Fri	Per Each Test
ADD ON TEST : EHV-1 ^{RT-PCR} additional to any Panel	1 NS OR 7mL WB ^{EDTA}	Mon-Fri	Same Day
SHIPPING: UPS Standard Overnight Shipping (Mon-Fri)	UPS labels available from the EDS website: www.edslabky.com Pickup fees may apply.		
UPS Saturday Shipping available March 1—June 30 for an additional charge – Remember to click on the Saturday Delivery box.			

SPECIMEN KEY: S: Serum - Red, White or Marble top **CSF^{RT}**: Cerebrospinal Fluid in Red top **CSF^{EDTA}**: Cerebrospinal Fluid in EDTA Purple top **F**: Feces **FS**: Fecal Swab (x2, x3) **WB^{EDTA}**: EDTA Purple top Whole Blood **NS**: Nasopharyngeal Swab **NW**: Nasopharyngeal Wash **GPW**: Guttural Pouch Wash **TTW**: Transtracheal Wash **U**: Urine

- Please include a completed test request form with each submission and keep a copy for your records.
- Turn around times (TAT) are based on receipt of samples by 12:00PM EST.
- Dacron swabs should be used to collect specimens for PCR. Place swab in a plain red top tube with 0.5-1mL of sterile water. Viral transport media can be used.
- Do not place PCR swabs in bacterial gel transport media or charcoal transport media for PCR.
- The additional EHV-1 PCR will be performed on any submissions with both a nasal swab and a whole blood.