

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 U	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 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, WB^{EDTA}: EDTA Purple top Whole Blood, NS: Nasopharyngeal Swab, NW: Nasopharyngeal Wash, GPW: Guttural Pouch Wash, TTW: Transtracheal Wash, U: Urine, F: Feces, FS: Fecal Swab (x2, x3)

- 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 Neospora 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 EDS website, www.edslabky.com			
UPS Saturday Shipping available at 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, WB^{EDTA}: EDTA Purple top Whole Blood, NS: Nasopharyngeal Swab, NW: Nasopharyngeal Wash, GPW: Guttural Pouch Wash, TTW: Transtracheal Wash, U: Urine, F: Feces, FS: Fecal Swab (x2, x3)

- 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.