

TEST	SPECIMEN (minimum volumes)	TEST DAYS	TAT
<b>MOLECULAR (Real-Time PCR)</b>			
Anaplasma phagocytophilum	7ml WB <sup>EDTA</sup>	Mon-Fri	Same Day
Clostridium difficile A & B toxins	5g F <b>or</b> 1 FS	Mon-Fri	Same Day
Clostridium perfringens w/ A, B, E & NetF toxins	5g F <b>or</b> 1 FS	Mon-Fri	Same Day
Cryptosporidium spp.	5g F <b>or</b> 1 FS	Mon-Fri	Same Day
Equine coronavirus (ECoV)	5g F <b>or</b> 1 FS	Mon-Fri	Same Day
Equine herpesvirus 1 w/ variants (EHV-1)	1 NS <b>or</b> 5ml NW <b>or</b> 7ml WB <sup>EDTA</sup>	Mon-Fri	Same Day
Equine herpesvirus 4 (EHV-4)	1 NS <b>or</b> 5ml NW	Mon-Fri	Same Day
Equine influenza virus (EIV)	1 NS <b>or</b> 5ml NW	Mon-Fri	Same Day
Equine rhinitis virus A & B (ERAV/ERBV)	1 NS <b>or</b> 5ml NW <b>or</b> 5ml U	Mon-Fri	Same Day
Equine rotavirus A & B	5g F <b>or</b> 1 FS	Mon-Fri	Same Day
Lawsonia intracellularis	5g F <b>or</b> 1 FS	Mon-Fri	Same Day
Neorickettsia risticii (Potomac Horse Fever-PHF)	5g F <b>or</b> 1 FS <b>or</b> WB <sup>EDTA</sup>	Mon-Fri	Same Day
Neospora hughesi	1ml CSF <sup>EDTA</sup>	Mon-Fri	Same Day
Rhodococcus equi	5g F <b>or</b> 1 FS <b>or</b> 5ml TTW	Mon-Fri	Same Day / 1 Day
Salmonella spp.	5g F <b>or</b> 1 FS	Mon-Fri	1 Day
Sarcocystis neurona	1ml CSF <sup>EDTA</sup>	Mon-Fri	Same Day
Streptococcus equi	1 NS <b>or</b> 5ml NW <b>or</b> 5ml GPW	Mon-Fri	Same Day
Streptococcus zooepidemicus	1 NS <b>or</b> 5ml NW <b>or</b> 5ml GPW	Mon-Fri	Same Day
<b>ADD ON TEST :</b> Streptococcus spp. backup culture for PCR	1 NS <b>or</b> 5ml NW	Mon-Fri	2 Days Minimum
Rhodococcus equi backup culture for PCR	5ml TTW	Mon-Fri	2 Days Minimum
<b>MOLECULAR PANELS (Real-Time PCR)</b>			
RESPIRATORY PANEL: S. equi, S. zooepidemicus, EHV-1, EHV-4, EIV, ERAV/ERBV	1 NS <b>or</b> 5ml NW (5ml Urine optional)	Mon-Fri	Same Day
VIRAL RESPIRATORY PANEL: EHV-1, EHV-4, EIV	1 NS <b>or</b> 5ml NW	Mon-Fri	Same Day
STREPTOCOCCUS PANEL: S. equi and S. zooepidemicus	1 NS <b>or</b> 5ml NW <b>or</b> 5ml GPW	Mon-Fri	Same Day
EHV-1 PANEL on BOTH NS and WB	(1 NS <b>or</b> 5ml NW) <b>and</b> 7ml WB <sup>EDTA</sup>	Mon-Fri	Same Day
PHF PANEL on BOTH WB and Feces	5g F <b>or</b> 1 FS <b>and</b> 7ml WB <sup>EDTA</sup>	Mon-Fri	Same Day
FEVER OF UNKNOWN ORIGIN PANEL: S. equi, S. zooepidemicus, EHV-1, EHV-4, EIV, ERAV/ERBV, Anaplasma phagocytophilum, ECoV	(1 NS <b>or</b> 5ml NW) <b>and</b> 7ml WB <sup>EDTA</sup> <b>and</b> (5g F <b>or</b> 1 FS)	Mon-Fri	Same Day
LAWSONIA PANEL: L. intracellularis RT-PCR and ELISA	1ml S <b>and</b> (1 FS <b>or</b> 5g F)	Mon-Fri	Day of Test
FOAL G.I. PANEL: C. difficile A & B, C. perfringens w/ A, B, E & NetF toxins, Cryptosporidium spp., Lawsonia intracellularis, ECoV, R. equi, Rotavirus A & B, Salmonella spp.	3 FS <b>or</b> 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, Lawsonia intracellularis, Neorickettsia risticii (PHF), Salmonella spp.	2 FS <b>or</b> 5g F	Mon-Fri	Per Each Test
<b>ADD ON TEST :</b> Neorickettsia risticii (PHF) to any panel	5g F <b>or</b> 1 FS <b>or</b> 7ml WB <sup>EDTA</sup>	Mon-Fri	Same Day

**SPECIMEN KEY:** S: Serum - Red, White or Marble top, CSF<sup>RT</sup>: Cerebrospinal Fluid in Red top, CSF<sup>EDTA</sup>: Cerebrospinal Fluid in EDTA Purple top, WB<sup>EDTA</sup>: 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.
- 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
<b>SEROLOGY</b>			
EPM, Sarcocystis neurona SAG 2/4/3 ELISA Titer	1ml S <b>or</b> 1ml CSF <sup>RT</sup>	Mon-Fri	Same Day
EPM, Sarcocystis neurona Western Blot	1ml S <b>or</b> 1ml CSF <sup>RT</sup>	Mon, Wed, Fri	Day of Test
EPM, Neospora hughesi ELISA Titer	1ml S <b>or</b> 1ml CSF <sup>RT</sup>	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
<b>SEROLOGY PANELS</b> <small>SAI: Specific Antibody Index</small>			
1) Sarcocystis neurona SAG 2/4/3 ELISA serum to CSF Titer Ratio + SAI	1ml S <b>and</b> 1ml CSF <sup>RT</sup>	Mon-Fri	Same Day
2) Neospora hughesi ELISA serum to CSF Titer Ratio	1ml S <b>and</b> 1ml CSF <sup>RT</sup>	Mon-Fri	Day of Test
3) S. neurona and N. hughesi ELISA serum to CSF Titer Ratio + SAI	1ml S <b>and</b> 1ml CSF <sup>RT</sup>	Mon-Fri	Day of Test
4) Sarcocystis neurona and Neospora hughesi ELISA Titer	1ml S <b>or</b> 1ml CSF <sup>RT</sup>	Mon-Fri	Day of Test
5) Sarcocystis neurona Western Blot and SAG 2/4/3 ELISA Titer	1ml S <b>or</b> 1ml CSF <sup>RT</sup>	Mon-Fri	Day of Test
<b>ADD ON TEST :</b> CSF Analysis	1ml CSF <sup>RT</sup> <b>and</b> 1ml CSF <sup>EDTA</sup>	Mon-Fri	Same Day
<b>NEUROLOGIC PANELS</b> <small>SAI: Specific Antibody Index</small>			
1) S. neurona SAG 2/4/3 <sup>ELISA</sup> serum to CSF Titer Ratio + SAI, WNV IgM <sup>ELISA</sup> , EHV-1 <sup>RT-PCR</sup> , A. phagocytophilum <sup>RT-PCR</sup>	1ml S <b>and</b> 1ml CSF <sup>RT</sup> <b>and</b> 7ml WB <sup>EDTA</sup> (1 NS optional)	Mon-Fri	Per Each Test
2) S. neurona SAG 2/4/3 <sup>ELISA</sup> Titer, WNV IgM <sup>ELISA</sup> , EHV-1 <sup>RT-PCR</sup> , A. phagocytophilum <sup>RT-PCR</sup>	1ml S <b>and</b> 7ml WB <sup>EDTA</sup> (1 NS optional)	Mon-Fri	Per Each Test
3) S. neurona SAG 2/4/3 <sup>ELISA</sup> serum to CSF Titer Ratio + SAI and WNV IgM <sup>ELISA</sup>	1ml S <b>and</b> 1ml CSF <sup>RT</sup>	Mon-Fri	Per Each Test
4) S. neurona SAG 2/4/3 <sup>ELISA</sup> Titer and WNV IgM <sup>ELISA</sup>	1ml S	Mon-Fri	Per Each Test
<b>ADD ON TEST :</b> EHV-1 <sup>RT-PCR</sup> additional to any Panel	1 NS <b>or</b> 7ml WB <sup>EDTA</sup>	Mon-Fri	Same Day
<b>SHIPPING:</b> UPS Standard Overnight Shipping (Mon-Fri)	UPS labels available from EDS website, <a href="http://www.edslabky.com">www.edslabky.com</a> Pickup fees may apply.		
UPS Saturday Shipping available at additional charge – Remember to click on the <b>Saturday Delivery</b> box.			

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