

Sample Submission Guide for the Molecular Detection of Select Zoonotic Pathogens

Pathogen	Sample type*							
	Whole Blood	CSF	Synovial Fluid	Serum	Wound Fluid/Pus	Urine	Tissue	Paraffin Block
<i>Anaplasma phagocytophilum</i>	✓	✓	×	✓	×	×	×	×
<i>Babesia</i> species	✓	×	×	×	×	×	×	×
<i>Bartonella</i> species	✓	✓	✓	×	✓	×	✓	✓
<i>Borrelia burgdorferi</i> s.l	✓	✓	✓	×	×	×	✓	✓
<i>Ehrlichia chaffeensis</i>	✓	✓	×	×	×	×	×	×
<i>Leptospira</i> species	✓	✓	×	×	×	✓	✓	✓
Relapsing fever spirochetes	✓	✓	×	×	×	×	✓	×
Minimum volume	Refer to pathogen GTS	0.5 mL				5 mL	1-5 mg	
Shipment conditions	Store specimens refrigerated for up to 5 days and ship with freezer packs. If stored > 5 days, freeze at -20 °C and ship on dry ice.							Ambient

*Additional sample types may be tested upon consultation with the Field Studies Section.

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✓ = Ideal

✓ = Acceptable

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 = Unacceptable