



Sample Requirements Guide
January 2017

Tick/Mosquito-borne pathogens								
	TEST NUMBER	TEST	ACCEPTABLE SPECIMEN/TUBE	PREFERRED VOLUME	MINIMUM REQUIREMENT	STORAGE	SHIPPING	TURNAROUND TIME (after receipt in lab)
Lyme	3001 (EIA) 3002 (blot)	Lyme Testing Preferred	Whole blood , collected in ACD or EDTA tubes	3.0mL	1.0mL	Room temperature for <48 hours	Room temperature	5 business days
	3001 (EIA) 3002 (blot)	Lyme Testing Alternate	Plasma ; Whole blood, collected in ACD or EDTA tube, processed to plasma, shipped in a cryotube or sterile vial.	1.0 mL	0.5 mL	Refrigerator, 6 days; frozen 1 year	If frozen, dry ice; If not previously frozen, ice packs	5 business days
	3001 (EIA) 3002 (blot)	Lyme Testing Alternate	Serum , 1 mL	1.0 mL	0.5 mL	Refrigerator, 6 days; frozen 1 year	If frozen, dry ice; If not previously frozen, ice packs	5 business days
Powassan/ West Nile	3007	Powassan PCR	Whole blood , collected in ACD or EDTA tubes	3.0 mL	1.0 mL	Room temperature for <48 hours	Room temperature	5 business days
	3011	Powassan PCR	Plasma ; Whole blood collected in ACD, processed to plasma, shipped in a 2 mL cryotube or sterile vial.	1.0 mL	0.5 mL	Refrigerator, 6 days; frozen 1 year	If frozen, dry ice; If not previously frozen, ice packs	5 business days
	3010	Powassan PCR	Cerebrospinal fluid , shipped in sterile tube or cryotube	1.0 mL	0.5 mL	Refrigerator, 6 days; frozen 1 year	If frozen, dry ice; If not previously frozen, ice packs	5 business days
	3008 / 3012	Powassan EIA/IFA Preferred	Whole blood , collected in ACD or EDTA tubes	3.0mL	1.0mL	Room temperature for <48 hours	Room temperature	10 business days
	3008 / 3012	Powassan EIA/IFA Alternate	Plasma ; Whole blood, collected in ACD or EDTA tube, processed to plasma, shipped in a cryotube or sterile vial.	1.0 mL	0.5 mL	Refrigerator, 6 days; frozen 1 year	If frozen, dry ice; If not previously frozen, ice packs	10 business days
	5000	West Nile Virus (WNV) IgG/IgM E	Whole blood , collected in ACD or EDTA tubes	3.0 mL	1.0 mL	Refrigerator, 6 days; frozen 1 year	Room temperature	10 business days
Human Herpesvirus 6 (HHV-6)								
	TEST NUMBER	TEST	ACCEPTABLE SPECIMEN/TUBE	PREFERRED VOLUME	MINIMUM REQUIREMENT	STORAGE	SHIPPING	TURNAROUND TIME (after receipt in lab)
Herpesvirus PCR DNA	1112 HHV-6	Herpesvirus PCR	Whole blood , collected in ACD tube	3.0 mL	1.0 mL	Room temperature <48 hours	Room temperature	5 business days
			Bone marrow , collected in ACD tube	1.0 mL	1.0 mL	Room temperature <48 hours	Room temperature	5 business days
			Cord blood , collected in ACD tube	1.0 mL	1.0 mL	Room temperature <48 hours	Room temperature	5 business days
	1113 HHV-6	Herpesvirus PCR	Plasma ; Whole blood collected in ACD, processed to plasma, shipped in a 2 mL cryotube or sterile vial.	1.0 mL	0.5 mL	Refrigerator, 6 days; frozen 1 year	If frozen, dry ice; If not previously frozen, ice packs	5 business days
	1105 HHV-6	Herpesvirus PCR	Cerebrospinal fluid , shipped in sterile tube or cryotube	1.0 mL	0.5 mL	Refrigerator, 6 days; frozen 1 year	If frozen, dry ice; If not previously frozen, ice packs	5 business days
	1109 HHV-6	Herpesvirus PCR	Hair follicle	2-3 hair with follicles	2-3 hair with follicles	Room temperature	Room temperature	5 business days
Nail clipping			5-10 clips	2-3 clips	Room temperature	Room temperature	5 business days	
1114 HHV-6	Herpesvirus PCR	Frozen tissue	5 mg	5 mg	Frozen	Shipped on dry ice	5 business days	
HHV-6	1110 HHV-6	Herpesvirus mRNA Reverse Transcription PCR	Whole blood , collected in ACD or EDTA tube	3 mL	1 mL	Room temperature <48 hours	Room temperature	5 business days
			Bone marrow , collected in ACD or EDTA tube	1 mL	1 mL	Room temperature <48 hours	Room temperature	5 business days
			Cord blood , collected in ACD tube	1.0 mL	1.0 mL	Room temperature <48 hours	Room temperature	5 business days
IHC	2001 HHV-6	Immunohistochemistry (IHC)	6 unstained slides , 4 microns thick	6 slides	6 slides	Room temperature	Room temperature	7 business days