

Infectious Disease PCR Services: Recommended Sample Types

Agent	Recommended Sample Type
Preferred sample type (if applicable) in bold.	
Viruses	
Ectromelia (mouse pox, ECTRO)	spleen, skin, liver, feces
K virus	kidney , feces
Lactate Dehydrogenase-Elevating Virus (LDV)	serum , liver, spleen
Mouse Rotavirus (EDIM)	feces , cecum/colon
Mouse Adenovirus (MAV Types 1 & 2)	Type 1: Urine , kidney, spleen, adrenal gland Type 2: Intestine, feces
Mouse Parvoviruses (MVM, MPV1, MPV2, MPV3, MPV4)	mesenteric lymph nodes, feces, spleen
Mouse Thymic Virus (MTLV)	salivary gland
Murine Cytomegalovirus (MCMV)	salivary gland , mouth swab, urine
Murine Norovirus (MNV)	mesenteric lymph nodes, feces, ileum
Pneumonia Virus of Mice (PVM)	trachea , lung
Polyomavirus (POLY)	mammary gland , skin, feces
Reovirus (REO Types 1 & 3)	liver, feces, lung
Theiler's Murine Encephalomyelitis Virus (TMEV, GDVII)	intestine, feces, brain
Coronavirus (MHV, RCV, SDAV)	MHV: mesenteric lymph nodes, feces , liver, lung, spleen SDAV/RCV: Hardarian gland, salivary gland
Lymphocytic Choriomeningitis Virus (LCMV)	kidney , urine
Ljungen Virus (LV)	feces, mesenteric lymph nodes
Hantavirus Hantaan (HANT)	kidney , lung, feces
Hantavirus Seoul (SEO)	lung , feces
Sendai (Paramyxovirus, SEND)	trachea , lung
Infectious Diarrhea of Infant Rat (Rat Rotavirus, group B)	small intestine , feces
Rat Cytomegalovirus (RCMV)	salivary gland , kidney, urine
Rat Parvovirus (RPV, KRV, H-1)	mesenteric lymph nodes, feces
Rat Theilovirus [Theiler's-like virus of rats (RTV)]	intestine, feces
Guinea Pig Cytomegalovirus (GPCMV)	salivary gland , kidney, spleen, fecal pellet/urine
Guinea Pig Adenovirus (GAV)	feces, lung
Bacteria/Other	
<i>Bordetella Bronchiseptica</i>	bronchial lavage, lung , nasal aspirate
<i>Campylobacter</i>	fecal swab
<i>Cilia-associated respiratory bacillus</i>	trachea, lung , lung wash
<i>Corynebacterium bovis</i>	skin swab
<i>Corynebacterium kutscheri</i>	feces
<i>Clostridium piliformi</i>	feces, colon
<i>Citrobacter rodentium</i>	feces
<i>Encephalitozoon cuniculi</i>	kidney , brain, fecal pellet/urine
<i>Helicobacter</i> (<i>H. genus</i> , <i>H. hepaticus</i> , <i>H. bilis</i>)	feces, cecum/colon
<i>Lawsonia intercellularis</i>	feces or fecal swab
<i>Mycoplasma</i> genus	cell culture, media
<i>Mycoplasma pulmonis</i>	nasal aspirate, trachea , mouth swab
<i>Pseudomonas aeruginosa</i>	nasal aspirate
<i>Pneumocystis carinii</i>	lung , lung wash, nasal aspirate
<i>Pasteurella pneumotropica</i>	nasal aspirate or swab of culture
<i>Salmonella</i>	fecal swab
<i>Streptobacillus moniliformis</i>	nasal aspirate
<i>Shigella</i> genus	fecal swab
<i>Yersinia</i>	fecal swab

For sample collection information and other inquiries, please contact Technical Services at 800.338.9680 or comments@crl.com.