

APCAH guide for submission of specimens for diagnostic PCR

NB: Sample pooling is not recommended due to reduced PCR sensitivity & compromised detection & typing

****Refer to price list for full details of price per sample**

Pathogen & test type	Specimen required	Transport conditions	**Price range per sample for 1–5 samples (excl. GST)	
Avian Encephalomyelitis Virus (AEV) PCR	Brain; dry swab or tissue	Chilled – do not freeze	\$254 – \$130	
Avian Nephritis Virus (ANV) PCR	Kidney / liver: dry swab or tissue; cloacal swab	Chilled – do not freeze		
<i>Avibacterium paragallinarum</i> / Infectious Coryza PCR	Swab from infraorbital sinus, nasal cavity or exudates	Chilled		
Chicken Infectious Anaemia Virus (CIAV) PCR	Thymus / gonads / blood / liver / bone marrow / spleen: dry swab or tissue	Chilled or frozen		
Egg Drop Syndrome Virus (EDSV) PCR	Oviduct: dry swab or tissue; eggs; cloacal swab	Chilled or frozen		
Fowlpox PCR	Swab or scraping of pox lesions	Room temp		
Avipox PCR	Swab or scraping of pox lesions	Room temp		
Marek's Disease Virus (MDV) PCR	Tumour: dry swab or tissue; blood	Chilled or frozen		
Avian Circovirus / Psittacine Beak and Feather Disease (PBFD) PCR	Blood; feather tip; dry swab	Chilled		
<i>Pasteurella multocida</i> / Fowl Cholera PCR	Nasopharyngeal or conjunctival swab (in acute cases affected visceral tissue or swab)	Chilled or frozen		
Infectious Laryngotracheitis Virus (ILT) PCR (detection only)	Trachea: dry swab or tissue; conjunctival swab; swab or tissue in viral transport media (VTM)	Chilled or frozen on dry ice immediately after collection		\$490 – \$310
Infectious Laryngotracheitis Virus (ILT) PCR – <i>class typing</i>				
Inclusion Body Hepatitis (IBH)/Fowl adenovirus (FAV) PCR – <i>serotype</i>	Liver: dry swab or tissue	Chilled or frozen		\$335 – \$145
Infectious Bronchitis Virus (IBV) PCR – <i>strain typing</i>	Trachea / caecal tonsils: dry swab or tissue; cloacal swab; swab or tissue in VTM	Chilled – do not freeze	\$335 – \$145	
Infectious Bursal Disease Virus (IBDV) PCR – <i>species typing</i>	Bursal swab or tissue / cloacal swab	Chilled or frozen	\$400 – \$220	
<i>Mycoplasma gallisepticum</i> (MG) PCR (detection only)	Palatine cleft, upper trachea or airsacs (if affected): dry swab Synovial membranes: dry swab (synovitis form of MS infection) Swab in mycoplasma broth	Room temp, shipped immediately after collection (recommended for samples for culture)	\$254 – \$130	
<i>Mycoplasma synoviae</i> (MS) PCR (detection only)				
<i>Mycoplasma anatis</i> PCR				
<i>Mycoplasma meleagridis</i> PCR				
MG/MS duplex PCR (detection only)				
MG – <i>vaccine type/field type</i>				
MS – <i>vaccine type/field type</i>			\$335 – \$145	
Mycoplasma culture and species/strain identification			POA	
Avian Leukosis Virus (ALV) PCR – detection subgroups A-E & J			Exudates / serum / affected tissues: dry swab or tissue; swab or tissue in VTM	Chilled – do not freeze
APEC (<i>E. coli</i>) multiplex PCR	<i>E. coli</i> culture on agar slope or plate, or DNA	Chilled	\$254 – \$130	
Turkey Haemorrhagic Enteritis Virus (HEV) PCR	Gut contents: dry swab; alimentary tract: dry swab or tissue	Chilled or frozen		
Big Liver & Spleen (BLS) / Avian Hepatitis E Virus PCR	Liver / spleen: dry swab or tissue; swab or tissue in VTM	Chilled or frozen		
Chlamydia PCR (avian, marsupial, ovine etc.) (detection only)	Cloacal / urogenital / ocular / affected tissues: dry swab	Room temp		\$254 – \$130
Chlamydia PCR – <i>species typing</i>				\$335 – \$145
Feline URT PCR (FHV, FCV, Chlamydia)	Ocular or oral: dry swab	Room temp		\$254 – \$130
Equine EHV-1 PCR	Aborted foal: dry swab or tissue; nasal swab	Chilled or frozen		
Equine EHV-4 PCR				
Equine EHV-1 & 4 duplex PCR				