

## Preferred Sample Type and Sending Conditions Guide for Diagnostic Submissions at APCA

Test	Sample required	Preferred sample submission details
<b>Avian Diagnostics</b>		
Fowl Adenovirus (IBH) PCR-HRM & typing	Liver tissue or liver swabs	Dry swab chilled or Fresh tissue chilled or frozen.
* Infectious Bronchitis Virus (IBV) PCR-HRM & typing	Cloacal swabs or tracheal swabs	Dry swabs or swabs in VTM - chilled or frozen.
Avian Encephalomyelitis (AE) PCR	Brain	Fresh tissue chilled or frozen.
Avian Nephritis Virus (ANV) PCR	Cloacal Swabs or Kidney/Liver tissue / swab	Dry swab chilled or Fresh tissue chilled or frozen.
<i>Avibacterium paragallinarum</i> (Infectious Coryza) PCR	Conjunctival swabs	Dry swab chilled.
Chicken Infectious Anaemia Virus PCR (CIAV)	Thymus / gonads	Fresh tissue chilled or frozen.
Egg Drop Syndrome (EDS) PCR	Oviduct / eggs / cloacal swabs	Dry swab chilled or Fresh tissue chilled or frozen.
Fowl pox PCR	Swabs or scrapings of pox lesions	Room Temp.
Marek's Disease Virus (MDV) PCR	Liver / spleen / tumour tissue / swabs	Dry swab chilled or Fresh tissue chilled or frozen.
<i>Pasteurella multocida</i> PCR	Nasopharyngeal / conjunctival swabs	Dry swab chilled.
Infectious Laryngotracheitis Virus (ILT) PCR	Fresh tracheas or tracheal/conjunctival swabs	Swabs chilled or in VTM. Fresh tissue in VTM chilled or frozen.
* Infectious Laryngotracheitis Virus (ILT) PCR-RFLP typing	Fresh tracheas or tracheal/conjunctival swabs	Swabs or Fresh tissue in VTM chilled or frozen.
* Mycoplasma culture and species/strain identification	Nasopharyngeal swabs (if respiratory)	Swab in Mycoplasma Broth / VTM at room temp.
* Mycoplasma (swab) PCR-HRM species/strain identification	Nasopharyngeal swabs (if respiratory)	Dry swab or Swab in Mycoplasma Broth / VTM chilled.
* APEC ( <i>E. coli</i> ) multiplex PCR	<i>E. coli</i> culture on agar slope or plate	Chilled.
* Chlamydia/Chlamydophila PCR-HRM	Cloacal swabs (or organs if systemic)	Dry swab chilled.
* Chlamydia/Chlamydophila PCR-HRM species identification	Cloacal swabs (or organs if systemic)	Dry swab chilled.
Avian Leukosis Virus: Sub-groups A, B, C, D, E & J (ALV)	Exudates, tissue, serum	Dry swabs, Fresh tissue, Swabs or Tissue in VTM - chilled or frozen.
* <b>Please note: samples for these specified tests <u>can not</u> be pooled when requesting typing.</b>		

<b>Other Species Diagnostics</b>		
Feline URT PCR (FHV, FCV, Chlamydia/Chlamydophila)	Ocular / oral swabs	Dry swab chilled.
Chlamydia PCR (avian, marsupial, ovine etc.)	Urogenital / cloacal / ocular swabs	Dry swab chilled.
Equine EHV1 PCR	Tissue from aborted foals / nasal swabs	Dry swab chilled or Fresh tissue chilled or frozen.