



THE UNIVERSITY OF  
MELBOURNE

**APCAH PCR Laboratory**  
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Laboratory use only

APCAH #:

Date:

Receiver:

## POULTRY SPECIMENS FOR DIAGNOSTIC PCR SUBMISSION FORM

Please send submissions to the above address, marked '**Refrigerate on Arrival**' and **include this form** with each specimen submitted.

### SPECIMEN SUBMISSION REQUIREMENTS

- See attached '**Preferred specimen type and transport conditions guide**' for full details.
- Please collect and store individual tissue samples and swabs separately.

**The APCA laboratory takes no responsibility for the results of specimens not submitted under the conditions outlined.**

Date collected: \_\_\_\_\_ Date submitted: \_\_\_\_\_

Submitted By: \_\_\_\_\_ Ph: \_\_\_\_\_

Veterinarian: \_\_\_\_\_ Flock ID/Shed No.: \_\_\_\_\_

Poultry company: \_\_\_\_\_

Farm location: \_\_\_\_\_

### Testing required:

FAdV/IBH       IBV       AEV       ANV       CIAV

EDSV       MDV       Fowlpox       Avipox       BLS

*Pasturella multocida*/Fowl cholera       APEC (*E. coli*)       HEV

*Avibacterium*/Infectious coryza       ALV (subgroups A-E & J)

*Mycoplasma anatis*       *Mycoplasma meleagridis*

ILTV:  detection & TYPING       detection ONLY

*Mycoplasma gallisepticum*:  detection & TYPING       detection ONLY

*Mycoplasma synoviae*:  detection & TYPING       detection ONLY

Chlamydia:  detection & TYPING       detection ONLY

**Specimens submitted:**

Swabs:  Tissue type: \_\_\_\_\_ No.: \_\_\_\_\_ Dry / VTM

Other (whole tissues, eggs etc.):  \_\_\_\_\_ No.: \_\_\_\_\_ Fresh / Frozen

Whole birds:  No.: \_\_\_\_\_ Fresh / Frozen Post mortem examination required: YES / NO

Collection date/time: \_\_\_\_\_

**Vaccination & medication history:**

Vaccines & routes used: \_\_\_\_\_

Medication history: \_\_\_\_\_

**Flock details & history:**

Layers  Broilers  Other: \_\_\_\_\_

Flock size: \_\_\_\_\_ Flock age: \_\_\_\_\_

Date symptoms became evident: \_\_\_\_\_ Approximate % of flock affected: \_\_\_\_\_

Mortality since symptoms commenced: \_\_\_\_\_ Mortality past 24 hrs: \_\_\_\_\_

History of illness: \_\_\_\_\_

**Clinical signs / additional information:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Reporting details:**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Email: \_\_\_\_\_

Ph: \_\_\_\_\_ Fax: \_\_\_\_\_

**Invoicing details:**

Company: \_\_\_\_\_

Attention: \_\_\_\_\_ ABN: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Ph: \_\_\_\_\_

## Preferred specimen type and transport conditions guide for APCA Diagnostic PCR submissions

\* Specimens for these tests cannot be pooled when requesting typing

*VTM: viral transport media*

Test	Specimen required	Transport conditions
* Inclusion Body Hepatitis (IBH)/Fowl adenovirus (FAdV) PCR detection & typing	Liver tissue or swab	Dry swab / fresh tissue – chilled or frozen
* Infectious Bronchitis Virus (IBV) PCR detection & typing	Cloacal swab / tracheal swab	Dry swab / swab in VTM – chilled
Avian Encephalomyelitis Virus (AEV) PCR	Brain tissue or swab	Dry swab / fresh tissue – chilled or frozen
Avian Nephritis Virus (ANV) PCR	Kidney or liver swab or tissue / cloacal swab	Dry swab / fresh tissue – chilled or frozen
<i>Avibacterium paragallinarum</i> /Infectious Coryza PCR	Swab taken from infraorbital sinus or from nasal cavity or exudates	Dry swab – chilled
Chicken Infectious Anaemia Virus (CIAV) PCR	Thymus / gonads	Fresh tissue – chilled or frozen
Egg Drop Syndrome Virus (EDSV) PCR	Oviduct / eggs / cloacal swab	Dry swab / fresh tissue / fresh egg – 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 tissue or swab / blood	Dry swab / fresh tissue – chilled or frozen
<i>Pasteurella multocida</i> /Fowl Cholera PCR	Nasopharyngeal or conjunctival swab / affected visceral tissue or swab in acute form	Dry swab / fresh tissue – chilled or frozen
Infectious Laryngotracheitis Virus (ILTV) PCR (detection only)	Fresh trachea / tracheal or conjunctival swab	Dry swab / swab or tissue in VTM – chilled or frozen on dry ice immediately after collection
* Infectious Laryngotracheitis Virus (ILTV) PCR detection & typing	As above	As above
* Mycoplasma culture and PCR detection & species/strain identification	Swab from palatine cleft, upper trachea or airsacs (if affected) / swab from synovial membranes (synovitis form of MS infection)	Swab in mycoplasma broth (MB) – room temp & shipped immediately after collection
* Mycoplasma (swab) PCR detection & species/strain identification	As above	Dry swab, or as above
<i>M. gallisepticum</i> / <i>M. synoviae</i> (MG/MS) PCR, <i>Mycoplasma anatis</i> PCR & <i>Mycoplasma meleagridis</i> PCR	As above	As above
* APEC ( <i>E. coli</i> ) PCR	<i>E. coli</i> culture on agar slope or plate, or DNA	Chilled
* Chlamydia PCR detection & species identification (avian, marsupial, ovine etc.)	Cloacal, urogenital or ocular swab / swab from affected tissues	Dry swab
Avian Leukosis Virus (ALV) PCR detection & identification subgroups A-E & J	Exudates / serum / fresh tissues / swab from affected tissues	Dry swab / swab or tissue in VTM – chilled or frozen
Turkey Haemorrhagic Enteritis Virus (HEV) PCR	Gut contents swab / alimentary tract tissue	Dry swab / fresh tissue – chilled or frozen
Big Liver & Spleen (BLS) Disease/Avian Hepatitis E Virus PCR	Liver swab or tissue	Dry swab / swab or tissue in VTM – chilled or frozen
Feline URT PCR (FHV, FCV, Chlamydia)	Ocular or oral swab	Dry swab
Equine EHV-1 PCR	Tissue from aborted foal / nasal swab	Dry swab chilled / fresh tissue chilled or frozen