

In collaboration with our A/Prof David Phalen, Dipl. ABVP, Avian Specialty and AusDiagnostics Pty. Ltd. we are pleased to introduce the molecular diagnostic avian pathogen panel.

**Major avian pathogens included:**

- Avian bornavirus (BDV)
- *Chlamydia psittaci*
- Psittacid herpesvirus 1 (PsHV-1)
- Avian polyomavirus (APV)
- Psittacine beak and feather disease virus (BFDV)

Results are interpreted and reports prepared by leaders in the field, with a deep understanding of the tests, pathogens and impact on animal management.

All work is performed at The University of Sydney. Turnaround time is 4-5 business days following receipt of samples.

If Bornavirus test is required, a faecal sample must be submitted.

\*Test prices available upon request.



**Please contact VPDS if you have further questions before submitting your samples.**

| Agent  | Disease  | Preferred sample                               |
|--|--|--|
| <b>Avian bornavirus (BDV)</b>                | Cause of Proventricular Dilatation Disease. Maintained in the population by subclinical carriers   | Dropping collected over three consecutive days |
| <b><i>Chlamydia psittaci</i></b>             | Highly contagious, zoonotic and multiple presentations. Many subclinically infected birds.   | Combined oral/cloacal swab                     |
| <b>Psittacid herpesvirus 1 (PsHV-1)</b>      | Cause of Pacheco's Disease. An acute highly contagious and potentially lethal systemic disease and causing mucosal papilloma.                  | Combined oral/cloacal swab                     |
| <b>Avian polyomavirus (APV)</b>              | Cause of Budgerigar Fledgling disease and sudden death on other nestling parrots. Maintained in the population by subclinically infected birds | Blood and combined oral/cloacal swab           |
| <b>Beak and feather disease virus (BFDV)</b> | Contagious, potentially fatal disease affecting the beak, feathers and immune system. Widespread.  | Blood  |

**For more information**

**Maira Meggiolaro**, Molecular Diagnostics Technical Officer | **Ignacia Meza**, Laboratory Manager

**Sydney School of Veterinary Science** | Faculty of Science

E [vpds.molecular@sydney.edu.au](mailto:vpds.molecular@sydney.edu.au) | E [vetsci.vpds@sydney.edu.au](mailto:vetsci.vpds@sydney.edu.au)

W [vpds.sydney.edu.au](http://vpds.sydney.edu.au)

VPDS Accessions T +61 2 9351 7456