THE UNIVERSITY OF SYDNEY

Real-time PCR Panel - Avian Pathogens

Veterinary Pathology Diagnostic Services

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

For more information

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