

Note: Prices include GST

# Animal Health Laboratory

Dept. Primary Industries, Parks, Water & Environment

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**Report any notifiable animal disease to the  
24 hour Emergency Disease Hotline: 1800 675 888.**

AHL is a NATA accredited laboratory. Accreditation No. 384  
 Details of the accreditation is available at [www.nata.com.au](http://www.nata.com.au).

## Laboratory Hours

Specimen Receipt - 8:30 am to 5.00 pm Monday to Friday (excluding public holidays).

**Note:** Refer to [Page 6](#) for non-subsidised test price, e.g. performance and companion animals and interstate samples.

<b>Biochemistry / Haematology</b>		
Test	1 <sup>st</sup> sample	Additional sample
Sample Required		
<b>Pepsinogen</b>	53.70	22.60
5 ml Heparinised plasma or clotted blood (serum) or EDTA plasma		
<b>Single Biochemical Test</b>	20.30	
5 ml Clotted blood (serum)		
<b>Additional Biochemical Test (same sample)</b>	6.00	
5 ml Clotted blood (serum)		
<b>Kidney Profile</b> (Urea,Creat,Ca,P,TP,Alb,Glob)	42.80	
5 – 10 ml Clotted blood (serum)		
<b>Liver Profile</b> (GLDH,AST,GGT,T.bili,Protein,Alb,Glob)	42.80	
5 – 10 ml Clotted blood (serum)		
<b>Aqueous Humour Profile</b> (Nitrite/Nitrate,Ca,Mg,Po4,Urea,Creat, βHB,glucose)	42.80	
0.5 ml Aqueous Humour		
<b>MBA - Tests vary with species</b> (TP,Alb,Glob,Urea,Ck,Ca,P,Na,Na/K, etc.)	63.10	
5 – 10 ml Clotted blood (serum)		
<b>Urinalysis</b> (S.G., Dipstick chemistry, Sediment exam)	29.80	
10 ml urine (sterile container)		
<b>Non Accredited Tests – Not covered by our current scope of accreditation</b>		
<b>Nitrite/Nitrate Screen</b>	20.30	6.00
1ml Ocular fluid/serum/plasma		
<b>Complete Blood Count</b> (Any of RCC,HbMCV,MCHC,WCC,Diff,Plt,Smear,TS,Fib)	39.30	
5-10 ml EDTA whole blood and blood smear		
<b>Packed Cell Volume</b>	15.50	6.00
5-10 ml EDTA whole blood		

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<b>Pathology</b>		
Test	1 <sup>st</sup> sample	Additional sample
Tissues fixed in 10 x volume of neutral buffered formalin		
<b>Histopathology – per slide</b>	51.10	
<b>Histopathology - slide preparation only</b>	27.30	
<b>Histopathology - special stains</b>	27.30	
<b>Investigatory PM - Animal &gt; 80kg (cattle adult pig etc.)</b> Per animal	595.60	
<b>Investigatory PM -Animal 10-80kg (adult sheep etc.)</b> Up to 2 animals	333.50	
<b>Investigatory PM- Animal &lt; 10kg (poultry, fish, neonate.)</b> Up to 5 animals	238.30	
<b>Field Investigation Tissue Samples.</b> Up to 2 animals.	208.40	
<b>Cytology</b>	65.50	
Fine needle aspirate, impression smear, blood or fluid smear on clean microscope slide.		
<b>Immunohistochemistry for Neospora/Toxoplasma</b>	160.80	80.40
<b>Electron Microscopy - Negative Stain (Orf Virus)</b>	131.00	
<b>Ovine Abortion Package (1-5 foetuses) Micro, Histo etc.</b>	238.30	
<b>Bovine Abortion Package (1-3 foetuses) Micro, Histo etc.</b>	285.90	
<b>Microbiology</b>		
Test	1 <sup>st</sup> sample	Additional sample
Sample Required		
<b>Micro Culture</b>	50.00	26.60
3 cm <sup>3</sup> tissue /swab in transport medium /5 – 10 g faeces/culture plate etc.		
<b>Mastitis Culture</b>	19.00	
10 ml milk		
<b>Honey Culture</b>	26.30	
Brood comb / 50 ml honey		
<b>Smear Examination</b>	16.60	
<b>Fluorescent Antibody Test</b>	28.70	
<b>Footrot Culture</b>	50.00	26.60
Footrot lesions in footrot transport medium		
<b>Footrot Culture Elastase Activity</b>	122.40	
1 to 6 isolates		
<b>Antibiotic MIC Assay</b>	53.70	21.50
<b>Scours Package</b>	109.70	63.10
(Microbiology & Parasitology) 10 - 20 g faeces from each animal		
<b>Non Accredited Tests – Not covered by our current scope of accreditation</b>		
<b>Rotavirus Detection</b>	19.00	
<b>Epsilon Toxin Detection</b>	19.00	
<b>Coronavirus Detection</b>	19.00	
<b>E.coli K99 Detection</b>	19.00	

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**Serology****Test**

Sample Required – 2 ml of serum per test unless indicated

<b>Johne's Disease - ELISA - Double Well (Diagnostic)</b>	14.30
<b>Johne's Disease - ELISA - Single Well (Market Assurance)</b>	10.70
<b>Brucella abortus CFT</b>	10.70
<b>Bluetongue virus AGID</b>	16.60
<b>CAE (Caprine Retrovirus) ELISA</b>	17.90
<b>Johne's Disease AGID</b>	16.60
<b>Leptospirosis MAT - each serovar</b>	17.90
<b>Mucosal Disease Antigen Capture ELISA</b>	23.90
Serum or ear notch	
<b>Mucosal Disease AGID</b>	16.60
<b>Neospora IFAT</b>	34.90
<b>Brucella ovis CFT</b>	10.70
<b>Q Fever CFT</b>	20.30
<b>Toxoplasmosis (IFAT)</b>	34.90
1 ml (0.2 ml serum)	
<b>Toxoplasmosis (MAT)</b>	20.30

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**Molecular Biology****Test**

Sample Required \*Further charges will apply for sample processing

<b>RLO PCR</b>	62.80
Liver, kidney, spleen in RNA Later	
<b>Pilchard Orthomyxovirus PCR</b>	62.80
Liver, kidney, spleen in RNA Later	
<b>Tasmanian Atlantic Salmon Aquareovirus (TSRV) PCR</b>	62.80
Liver, kidney, spleen in RNA Later	
<b>Abalone Viral Ganglioneuritis (AVG) PCR</b>	62.80
Fresh whole abalone *	
<b>Ostreid Herpesvirus Type 1 (POMS, OsHV1) PCR</b>	62.80
Fresh whole oysters *	
<b>Yersinia ruckeri prevalence testing PCR</b>	62.80
Please contact the laboratory	
<b>Chytrid PCR</b>	31.00
Dry swabs	
<b>Mycoplasma bovis PCR</b>	62.80
5ml milk (Bulk milks, Fluids, Tissues)	
<b>Mycoplasma bovis PCR</b>	26.60
5ml milk (single animal milk)	
<b>BVDV PCR</b>	62.80
Blood, tissues, swabs	
<b>Johnes PCR</b>	380.00
single faeces or first pooled sample	
<b>Johnes PCR</b>	55.00
Subsequent faeces or pooled sample	
<b>Bonamia PCR</b>	62.80
Per oyster	
<b>Perkinsus PCR</b>	62.80
Per oyster	
<b>Equine Influenza (EI), Avian Influenza (AI), Newcastle disease (NDV) PCR</b>	POA
Please contact the laboratory	

**Non Accredited Tests – Not covered by our current scope of accreditation**

<b>Chlamydia psittacci PCR</b>	62.80
Please contact the lab	
<b>Leptospira spp. PCR</b>	62.80
Foetal stomach fluid, abomasal content, joint fluid or placental tissue	
<b>Chlamydia abortus PCR</b>	62.80
Foetal stomach fluid, abomasal content, joint fluid or placental tissue	

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**Parasitology****Test**

Sample Required

<b>Composite Ova Count</b>	42.80
10 x 4 g faeces ( <i>Wormtest</i> Kit)	
<b>Composite Ova Count plus Fluke Test</b>	67.90
10 x 4 g faeces ( <i>Wormtest</i> Kit)	
<b>Composite Ova Count plus Larval Culture</b>	79.80
10 x 4 g faeces ( <i>Wormtest</i> Kit)	
<b>Composite Ova Count plus Larval Culture plus Fluke Test</b>	91.80
10 x 4 g faeces ( <i>Wormtest</i> Kit)	
<b>Individual Ova and/or Coccidia</b>	23.90
2 g faeces	
<b>Fluke Test</b>	35.70
2 g faeces	
<b>Larval Culture</b>	41.60
50 g faeces collected from rectum	
<b>Bovine Wormtest</b>	103.60
10 g faeces	
<b>Bovine Wormtest plus Fluke Test</b>	137.00
10 g faeces	
<b>Bovine Wormtest plus Larval Culture</b>	137.00
10 g faeces	
<b>Drench Resistance - Individual - Control &amp; 1 Drench</b>	131.00
4 g faeces	
<b>Drench Resistance - Individual - Additional Drench</b>	77.40
4 g faeces	
<b>Drench Resistance - Composite - Control &amp; 1 Drench</b>	83.30
10 x 4 g faeces from	
<b>Drench Resistance - Composite - Additional Drench</b>	47.60
10 x 4 g faeces from	
<b>Lungworm Detection</b>	32.10
10 – 20 g faeces	
<b>Parasite Identification</b>	47.60

**Non Accredited Tests – Not covered by our current scope of accreditation**

<b>Pasture Spore Test</b>	47.60
200g Pasture	
<b>Total Worm Count</b>	190.90
Entire abomasum and first six metres of small intestine (tied off and packed in ice)	

**Fish Virology – Tests are not covered by our current scope of accreditation**

Test	1st sample	Additional sample
Sample Required - <b>Note:</b> Notify laboratory when sending samples		
<b>Virus isolation (Single Cell Line)</b>	327.40	45.90
<b>Virus Isolation (Two Cell Lines)</b>	645.80	91.80
<b>Virus Isolation (Three Cell Lines)</b>	729.30	109.10
<b>Virus Isolation (Four Cell Lines)</b>	817.00	122.40
Pooled liver, kidney and spleen		

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**Non Subsidised Tests for Interstate, Companion and Performance Animals**

**Note:** Except for the exclusion of notifiable diseases, diagnostic services for **companion** and **performance** animals are **not** part of our core business. These services may be available on **prior negotiation** with the laboratory. Indicative prices are listed below.

	1 <sup>st</sup> sample	Additional sample
<b>Post Mortem Only - Animal &gt; 80kg (e.g. horse)</b>	581.00	
<b>Post Mortem Only - Animal 10-80kg (e.g. foal, large dog etc.)</b>	268.60	
<b>Post Mortem Only - Animal &lt; 10kg (e.g. small dog, cat etc.)</b>	163.50	
<b>Post Mortem Only - Cage Bird, Aquarium Fish - One only</b>	88.20	
<b>Equine Abortion Investigation</b>	294.00	
<b>Histopathology – slides per case</b>	63.980	
<b>Histopathology – slide preparation only</b>	34.10	
<b>Histopathology - special stains</b>	34.10	
<b>Cytology</b>	81.90	
<b>MBA - Tests vary with species (TP,Alb,Glob,Urea,Ck,Glu,Ca,P,Na,Na/K,etc.)</b>	78.90	
<b>Complete Blood Count</b> (RCC,HbMCV,MCHC,WCC,Diff,Plt,Smear,TS,Fib.)	49.10	
<b>Urinalysis (S.G., Dipstick chemistry, Sediment exam)</b>	37.30	
<b>Fluke Test</b>	44.60	
<b>Ova and/or Coccidia</b>	29.90	
<b>Horse Wormtest</b> 10 g faeces	64.70	18.80
<b>Emergent Larvae Detection Test</b> 4g faeces	31.70	
<b>Leptospirosis MAT - each serovar</b> 2 ml clotted blood	22.40	
<b>Neospora IFAT</b>	43.60	
<b>Toxoplasmosis (MAT)</b>	25.40	
<b>Toxoplasmosis (IFAT)</b> 1 ml clotted blood (0.2 ml serum)	43.60	
<b>Mucosal Disease AGID</b>	20.80	
<b>Mucosal Disease Antigen Capture ELISA</b> Serum or ear notch	29.90	
<b>Immunoperoxidase for Neospora or Toxoplasma</b>	201.00	110.50
<b>Fluorescent Antibody Test</b>	35.90	
<b>Micro Culture</b>	62.50	
<b>Smear Examination</b>	20.80	

**Miscellaneous Charges**

Accession Minimum Fee	23.90
Handling Fee - Interstate	40.00
Half-hourly Rate - Technical Officer	50.00
Half-hourly Rate - Professional Officer	69.20

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## Collection of specimens

Please **notify** laboratory staff of material being sent to the laboratory that may pose a danger to staff (zoonotic material) e.g. Anthrax, Lyssavirus.

*Note: inadequate specimens, poorly collected specimens or specimens stored and dispatched in an unsatisfactory manner may not be examined by the laboratory.*

Submissions **must** be accompanied by a specimen advice note with sufficient information to allow the pathologist to interpret test results and provide a meaningful diagnosis.

With the exception of worm test kits, a veterinarian, or veterinary practice **must** be nominated under the section headed *Name and Address for Reply*.

All samples must be submitted

- in leak proof containers,
- cleaned of any contaminants e.g. spilt blood, faeces etc.,
- securely stoppered,
- clearly labelled,
- filled to the recommended volume,
- kept to a minimum transit time,
- kept cool and out of direct sun light,
- protected from mechanical shock.

Section	Turnaround time (working days)	Notes
Biochemistry/ Haematology	1 day	Except pepsinogen.
Fish Virology	15 to 20 days	Long incubation times are required for virus isolation.
Microbiology	Interim result – 1 to 2 days Final result – 2 to 7 days	Reporting times vary depending on type of test.
Parasitology	1 to 2 days	Larval culture – 8 days
Pathology	Same day post-mortem exam	If delivered before 2 pm.
Histopathology	2 to 5 days	Tissues submitted fixed. (Longer for decalcification or whole brains.)
Serology	1 to 5 days	Some tests are carried out weekly or bi-weekly. Virus isolation/serum neutralisation 3 to 4 weeks
Sendaway Tests	3 – 5 days	Dependent on testing program of referral laboratory.

## Result Reporting

Completed reports will be emailed to the nominated veterinarian or practice. Practices that do not have email facilities will receive results by post.

If required, owners can obtain copies of the report from their veterinarian. With the exception of worm test results, the laboratory **will not provide owners** with copies of reports.<sup>3</sup>

Urgent results can be phoned through on request. Any unusual or abnormal results will be communicated as soon as they become apparent.