

Note: Prices include GST

Department of Natural Resources and Environment Tasmania

Primary Industries and Water | Biosecurity Tasmania

Animal Health Laboratory

Postal Address PO Box 46 Kings Meadows TAS 7249

Street Address 165 Westbury Road Prospect TAS 7250

Telephone +61 (0)3 6777 2111

Email specimenreception@nre.tas.gov.au

Website nre.tas.gov.au/AHLabs

Report any notifiable animal disease to the

24 hour Emergency Disease Hotline: 1800 675 888

The AHL is a NATA accredited laboratory. Accreditation No. 384

Details of the accreditation is available at 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.



nre.tas.gov.au/AHLabs

Biochemistry		
Test	1 st sample	Additional sample
Sample Required		
Pepsinogen	56.65	23.89
5 ml Clotted blood (serum), lithium heparin plasma or EDTA plasma		
Single Biochemical Test	21.43	
5 ml Clotted blood (serum) or lithium heparin plasma		
Additional Biochemical Test (same sample)	6.39	
5 ml Clotted blood (serum) or lithium heparin plasma		
Kidney Profile (Urea, Creat, Ca, P, TP, Alb, Glob)	45.22	
5 – 10 ml Clotted blood (serum) or lithium heparin plasma		
Liver Profile (GLDH, AST, GGT, T.bili, Protein, Alb, Glob)	45.22	
5 – 10 ml Clotted blood (serum) or lithium heparin plasma		
Aqueous Humour Profile (Nitrite/Nitrate, Ca, Mg, PO₄, Urea, Creat, BHB, glucose – ovine only)	45.22	
0.5 ml Aqueous Humour		
MBA - Tests vary with species (TP, Alb, Glob, Urea, Ck, Ca, P, Na, Na/K, etc.)	66.64	
5 – 10 ml Clotted blood (serum), or lithium heparin plasma		
Urinalysis (S.G., Dipstick chemistry, Sediment exam)	31.42	
10 ml urine (sterile container)		
Biochemistry/Haematology Tests not covered by our current scope of accreditation		
Nitrite/Nitrate Screen	21.43	6.39
1ml Ocular fluid/serum/plasma		
Complete Blood Count (Comprising RCC, Hb, red cell indices, WCC, Diff, Plt, Smear, PP, Fbg) Note: Not all tests listed are appropriate for all species.	41.51	
5-10 ml EDTA or lithium heparin whole blood and blood smear		
Partial Haematology	20.76	
(1 to 5 items from the CBC, not including differential white cell count)		
5-10 ml EDTA whole blood		

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Pathology		
Test	1 st sample	Additional sample
Tissues fixed in 10 x volume of neutral buffered formalin		
Histopathology – per slide	53.98	
Histopathology - slide preparation only	28.83	
Histopathology - special stains	28.83	
Investigatory PM - Animal > 80kg (cattle adult pig etc.) Per animal	628.82	
Investigatory PM -Animal 10-80kg (adult sheep etc.) Up to 2 animals	352.06	
Investigatory PM- Animal < 10kg (poultry, neonate) Up to 5 animals	251.63	
Post-Mortem Examination – Farmed Salmonid per animal	23.20	
Field Investigation Tissue Samples	220.01	
Samples from a field post-mortem examination – up to 2 animals		
Cytology	69.11	
Fine needle aspirate, impression smear, blood or fluid smear on clean microscope slide.		
Ovine Abortion Package (1-5 fetuses) Micro, Histo etc.	251.63	
Bovine Abortion Package (1-3 fetuses) Micro, Histo etc.	301.79	
Microbiology		
Test	1 st sample	Additional sample
Sample Required		
Micro Culture	52.84	28.12
3 cm ³ tissue /swab in transport medium /5 – 10 g faeces/culture plate etc.		
Mastitis Culture	20.09	
10 ml milk		
Honey Culture	27.82	
Brood comb / 50 ml honey		
Smear Examination	17.50	
Fluorescent Antibody Test	30.28	
Footrot Culture	52.84	28.12
Footrot lesions in footrot transport medium		
Footrot Culture Elastase Activity		
Up to 6 isolates	134.43	
Each additional isolate		20.60
Antibiotic MIC Assay	56.65	22.66
Scours Package	115.78	66.64
(Microbiology & Parasitology) 10 - 20 g faeces from each animal		
Microbiology tests not covered by our current scope of accreditation		
Rotavirus Detection	20.09	
Epsilon Toxin Detection	20.09	
Coronavirus Detection	20.09	
E. coli K99 Detection	20.09	

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Serology

Test	
Sample Required – 2 ml of serum per test unless indicated	
Johne’s Disease ELISA	15.14
Brucella abortus CFT	11.33
Bluetongue virus AGID	17.50
CAE (Caprine Retrovirus) ELISA	18.85
Leptospirosis MAT - each serovar	18.85
Mucosal Disease Antigen Capture ELISA	25.23
Serum or ear notch	
Mucosal Disease AGID	17.50
Neospora IFAT	36.88
Brucella ovis CFT	11.33
Q Fever CFT	21.43
Toxoplasmosis (IFAT)	36.88
1 ml (0.2 ml serum)	
Toxoplasmosis (MAT)	21.43

Serology tests not covered by our current scope of accreditation

Fluke test (Fasciola Hepatica) ELISA	21.12
Mycoplasma bovis ELISA	18.85

Miscellaneous Charges

Handling Fee - Interstate	45.00
Half-hourly Rate - Technical Officer	52.84
Half-hourly Rate - Professional Officer	73.02

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

Test	1st sample	Additional sample
Sample Required - Note: Notify laboratory when sending samples		
Virus isolation (Single Cell Line)	345.66	48.41
Virus Isolation (Two Cell Lines)	681.76	96.93
Pooled liver, kidney and spleen		

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Molecular Biology		
Test	1 st sample	Additional sample
Sample Required *Note: Further charges will apply for sample processing		
RLO PCR	66.34	
Liver, kidney, spleen in RNA Later		
Pilchard Orthomyxovirus PCR	66.34	
Liver, kidney, spleen in RNA Later		
Tasmanian Atlantic Salmon Aquareovirus (TSRV) PCR (Type 1 and Type 2)	66.34	
Liver, kidney, spleen in RNA Later		
Abalone Viral Ganglioneuritis (AVG) PCR	66.34	
Fresh whole abalone *		
Ostreid Herpesvirus Type 1 (POMS, OsHV1) PCR	66.34	
Fresh whole oysters *		
Yersinia ruckeri prevalence testing PCR	66.34	
Please contact the laboratory		
Chytrid PCR	32.76	
Dry swabs		
Mycoplasma bovis PCR	66.34	
5ml milk (Bulk milks, Fluids, Tissues)		
Mycoplasma bovis PCR	28.12	
5ml milk (single animal milk)		
Equine Influenza (EI), Avian Influenza (AI), Newcastle disease (NDV) PCR		
Please contact the laboratory		
Molecular Biology Tests not covered by our current scope of accreditation		
Chlamydia psittacci PCR	66.34	
Please contact the laboratory		
Bonamia PCR	66.34	
Per oyster		
BVDV PCR	66.34	
Blood, tissues, swabs, bulk tank milk		
Johne's PCR	401.18	58.09
faeces or pooled sample		
Leptospira spp. PCR	66.34	
Foetal stomach fluid, abomasal content, joint fluid or placental tissue		
Perkinsus PCR	66.34	
Per oyster		
Flavobacterium psychrophilum PCR	30.90	
Skin swabs submitted in transport medium. Contact the laboratory for the medium.		

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Parasitology	
Test	
Sample Required	
Composite Ova Count	45.22
10 x 4 g faeces (<i>Wormtest</i> Kit)	
Faecal Egg Count (Quantitative)	25.23
4 g faeces	
Individual Ova and/or Coccidia (Qualitative)	25.23
4 g faeces	
Fluke Test	35.22
4 g faeces	
Larval Culture	38.07
50 g faeces collected from rectum	
Bovine Wormtest	109.40
10 g faeces	
Drench Resistance - Individual - Control & 1 Drench	138.33
4 g faeces	
Drench Resistance - Individual - Additional Drench	81.68
4 g faeces	
Drench Resistance - Composite - Control & 1 Drench	87.97
10 x 4 g faeces from	
Drench Resistance - Composite - Additional Drench	50.26
10 x 4 g faeces from	
Lungworm Detection	33.89
10 – 20 g faeces	
Parasite Identification	50.26
Parasitology Tests not covered by our current scope of accreditation	
Pasture Spore Test	50.26
200g Pasture	
Total Worm Count	201.58
Entire abomasum and first six metres of small intestine (tied off and packed in ice)	

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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 st sample	Additional sample
Post-Mortem Only - Animal > 80kg (e.g. horse)	613.36	
Post-Mortem Only - Animal 10-80kg (e.g. foal, large dog etc.)	283.56	
Post-Mortem Only - Animal < 10kg (e.g. small dog, cat etc.)	172.62	
Post-Mortem Only - Cage Bird, Aquarium Fish - One only	93.12	
Equine Abortion Investigation	310.44	
Histopathology - per slide	67.47	
Histopathology - slide preparation only	35.63	
Histopathology - special stains	36.05	
Cytology	86.42	
MBA - Tests vary with species (TP,Alb,Glob,Urea,Ck,Glu,Ca,P,Na,Na/K,etc.)	83.34	
Urinalysis (S.G., Dipstick chemistry, Sediment exam)	39.35	
Fluke Test	44.03	
Faecal Egg Count (Quantitative)	31.52	
4 g faeces		
Individual Ova and/or Coccidia (Qualitative)	31.52	
Horse Wormtest	54.59	21.63
10 g faeces		
Leptospirosis MAT - each serovar	23.69	
2 ml clotted blood		
Neospora IFAT	46.05	
Toxoplasmosis (MAT)	26.79	
Toxoplasmosis (IFAT)	46.05	
1 ml clotted blood (0.2 ml serum)		
Mucosal Disease AGID	21.93	
Mucosal Disease Antigen Capture ELISA	31.52	
Serum or ear notch		
Fluorescent Antibody Test	37.90	
Micro Culture	66.02	
Smear Examination	21.93	

Non-Subsidised Tests not covered by our current scope of accreditation

Complete Blood Count	51.81	
(RCC, HbMCV, MCHC, WCC, Diff, Plt, Smear, TS, Fib.)		
Partial Haematology	25.91	
(1 to 5 items from the CBC, not including differential white cell count)		
5-10 ml EDTA whole blood		
Emergent Larvae Detection Test	33.48	
4g faeces		

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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	2 days	Except pepsinogen.
Histopathology	3 to 6 days	Tissues submitted fixed. (Longer for decalcification or whole brains.)
Fish Virology	15 to 21 days	Long incubation times are required for virus isolation.
Microbiology	Interim result – 2 to 3 days Final result – 3 to 7 days	Reporting times vary depending on type of test.
Molecular Biology	2 to 5 days	Test dependent
Parasitology	2 days	Larval culture – 8 to 10 days
Pathology	Same day post-mortem exam	If delivered before 2 pm.
Serology	2 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.

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