

### NSW Animal and Plant Health Laboratories Elizabeth Macarthur Agricultural Institute

# NSW Animal and Plant Health Laboratories (APHL) – Price List 2024 Elizabeth Macarthur Agricultural Institute

The NSW Department of Primary Industries (NSW DPI) operates a network of laboratories across NSW with the largest dedicated primary industries laboratory located at the Elizabeth Macarthur Agricultural Institute (EMAI) at Menangle in South-West Sydney. EMAI is NSW DPI's Centre of Excellence for Animal and Plant Health.

NSW DPI undertakes laboratory testing to support surveillance, accreditation, export, diagnostic and emergency response activities for animal and plant diseases in NSW and interstate.

#### **Hours of operation**

Monday to Friday: 8:30am – 4:30pm

Saturday: 8:30am – 12:00pm (for receipt of samples only)

For enquiries outside of these hours (including Saturday, Sunday and Public Holidays) the duty Veterinary Pathologist can be contacted on 0411 030 451.

#### Contact us

Please contact Customer Services on:

**Phone:** 1800 675 623

Email: <u>laboratory.services@dpi.nsw.gov.au</u>

Mail: Woodbridge Road, Menangle, NSW 2568; or

Private Bag 4008, Narellan, NSW 2567

Website: www.dpi.nsw.gov.au/about-us/services/laboratory-services

#### **Test pricing**

This price list provides customers with a list of the most requested tests and their base prices (**ex GST**). Prices are valid for samples submitted on and after **1 February 2024**. Advice on other tests, services, test subsidies or volume discounts can be obtained by contacting Customer Services.

Quotations or contracts can be negotiated with us for volume discounts or specific testing requirements.

Prices are reviewed annually based on cost changes; however, NSW DPI reserves the right to modify prices at any time.

Testing may be outsourced to other laboratories. Outsourced work will be placed with a competent laboratory and wherever possible, is NATA accredited. All samples referred to external laboratories will incur an additional laboratory handling/courier fee (see Service Fees).

If testing is undertaken out of hours, this may be charged at an increased price to cover the costs associated with this service. Customers are encouraged to contact Customer Services to discuss the delivery and testing of samples that are urgent to ensure they are aware of the full cost of these services, and to ensure that samples arrive safely. Special arrangements apply to testing for emergency and exotic diseases.



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#### **Testing for Emergency Animal Diseases and Exotic Plant Pests**

NSW DPI offers service fee exemptions for the cost of exclusion testing for emergency animal diseases and plant pests. All notifiable diseases are reported to the CVO and CPPO as per our legal obligations.

Testing for Emergency Animal Diseases (EAD) and Emergency Plant Pests (EPP) must be approved by the Chief Veterinary Officer (CVO) or the by the Chief Plant Protection Officer (CPPO) respectively.

For approval, please contact the:

Emergency Animal Disease Hotline: 1800 675 888
Exotic Plant Pest Hotline: 1800 084 881

#### Sample submission, testing and reporting

A Specimen Advice form (SAF) **must** accompany all specimens submitted to the laboratories. These forms are available by contacting Customer Services or on our <u>website</u>. On receipt of samples, you will be notified via email. Please ensure you supply a "Submitter reference" as this is included in the subject of your receipt email and makes tracking easier.

#### Sample Requirements

Sample requirements for each test and disease can be found on our website (<u>Veterinary Test List</u> and PHDS & Entomology Test List), or by contacting our Customer Service Team.

#### Turn-around times (TAT's)

TATs are provided on our <u>website</u> (<u>Veterinary Test List</u> and <u>PHDS & Entomology Test List</u>) as a guide only and may vary as they are dependent on current laboratory workload, batch testing and EAD/EPP testing. **TAT is displayed as D (number of working days) and W (number of weeks)** 

#### **Test cancellation**

NSW DPI reserves the right to charge service and handling fees to customers who request a test cancellation once processing of the sample has begun.

#### Reporting

Once authorised, test reports are sent to **submitters** via their nominated email address. A separate invoice will follow the report via email.

Owners may obtain a copy of their reports from their veterinarian (if required), if they are not the submitter.

#### **Invoices**

Invoices are issued to your nominated email address. If this is different to the reporting email, please advise Customer Services.

If the invoice requires a purchase order for payment, please ensure it is supplied on the SAF. Re-issuing of invoices due to incorrect submission information will incur a laboratory handling fee.

#### **Packaging**

Precautions must be taken against the leakage of specimens as submissions may contain infectious agents. All lids of specimen containers are to be tightened, with histopathology containers to be taped to prevent loosening. Submission forms should be placed in a separate plastic bag and taped to the external face of the transport container. Please see our <a href="website">website</a> for further information on sample packaging.



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#### Courier services and specimen delivery

Couriers can be contacted directly to make bookings and arrange collection of packages. NSW DPI utilises the services of the following nominated couriers:

- Metrostate (02 9645 9700)
- TNT (13 11 50)
- Toll Priority (13 15 31)

Please contact Customer Services on 1800 675 623 for courier account details and consignment notes. After-hours and same day deliveries must be pre-approved via Customer Services, or all associated fees will be charged back to the customer.

Commercial couriers may use either road or air transport, and therefore, specimens should be packed in accordance with <a href="https://example.com/the-International Air Transport Association (IATA)">https://example.com/the-International Air Transport Association (IATA)</a> requirements. As requirements for transport can change, customers should consult with their transport agent to obtain current requirements.



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SERVICE FEES	
Laboratory handling fee	\$33.00
Courier – Standard esky return	\$27.50
Courier – Interstate on-freight fee	\$47.50
Courier – NSW on-freight fee	\$27.50
Courier – Interstate on-freight fee (RLS)	\$37.50
Courier – International on-freight fee	\$125.00
Waste disposal (per kg)	\$5.30
Expert witness Certificate – standard	\$110.00
Expert witness Certificate – complex	\$316.80

REFE	RENCE
*	Test not NATA accredited
**	Express testing available. Contact Customer Services
***	Test is outsourced
^	Not suitable for sheep or goats
^^	DNA extraction fee applies
1	Contact Customer Services to discuss submission requirements and TAT. Without prior arrangement TAT is 1-2 weeks. Priority service will incur an additional surcharge.
2	Contact Customer Services to discuss submission requirements and TAT.
3	Only the Afflex© Tissue Sampling Unit (TSU) is accepted without additional charges. Submit chilled.

ACRONYM / SAME	CRONYM / SAMPLE TYPES		
Acronym	Description		
AFB	American Foulbrood		
AGID	Agar Gel Immuno Diffusion		
BVDV	Bovine Viral Diarrhoea Virus		
BEF	Bovine Ephemeral Fever		
CAE	Caprine Arthritis Encephalitis		
CFT	Complement Fixation Test		
CIEP	Counterimmunoelectrophoresis		
СРРО	Chief Plant Protection Officer		



### NSW

cvo	Chief Veterinary Officer
DNA	Deoxyribonucleic Acid
EAD	Emergency Animal Disease
EBL	Enzootic Bovine Leucosis
EFB	European Foulbrood
EHDV	Epizootic Haemorrhagic Disease Virus
EHNV	Epizootic Haematopoietic Necrosis Virus
EHV1/EHV4	Equine Herpesvirus 1 / Equine Herpesvirus 4
ELISA	Enzyme Linked Immunosorbent Assay
EPP	Emergency Plant and Pests
FECRT	Faecal Egg Count Reduction Test
HI	Haemagglutination Inhibition
НТЈ	High Throughput Johne's
ICT	Immunochromatographic Technique
IgG	Immunoglobulin G
MAT	Microscopic Agglutination Test
NDV	Newcastle Disease Virus
PACE	Pestivirus antigen capture ELISA
PCR	Polymerase Chain Reaction
PCV2	Porcine Circovirus Type 2
PI	Persistently Infected
RBT	Rose Bengal Test
RFLP	Restriction fragment length polymorphism
RNA	Ribonucleic Acid
RSV	Respiratory Syncytial Virus
SAT	Standard Agglutination Test
SPF	Specific pathogen free
TAT	Turnaround time: D = Working Days W = Weeks
TFAP2	Transcription Factor AP-2
TSE	Transmissible Spongiform Encephalopathy
VNT	Virus Neutralisation Test
Sample Type	Description
Clotted blood	Red top tube
EDTA	Purple top tube
Lith Hep	Green top tube
CSF	Cerebrospinal fluid
PBGS	Viral transport medium
PBST	Phosphate buffered saline with Tween



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### PLANT HEALTH DIAGNOSTIC SERVICE (PHDS)

### **TESTING NOT CONDUCTED BY PHDS**

- Plant species, variety or cultivar identification
- Pesticide, herbicide, antibiotic, heavy metal or other residue analysis in plants, growing media, or water
- Nutritional analysis in plants, growing media, or water
- Fungal contamination or mycotoxins in stock feed
- Seed viability or purity

TEST NAME	PRICE (ex GST)
BASIC EXAMINATION	'
Basic examination	\$80.25
- Includes clinical examination and low-powered light microscopy	
STANDARD EXAMINATION	
Standard examination (including basic examination)	\$113.75
- Includes high-powered light microscopy and sample humidification	
COMPREHENSIVE EXAMINATION	
Comprehensive examination (including basic & standard examination)	\$207.25
- Includes pathogen culturing	
ELISA	·
ELISA Potato Virus screening	Contact Customer Service
ELISA Virus Setup¹	\$91.30
ELISA Virus Identification: Price tiers = 1, 2-21, 22-45 samples	,
- 1 Virus ELISA	\$26.15- \$32.70
- 2 Virus ELISA	\$44.95- \$56.20
- 3 Virus ELISA	\$56.45- \$70.55
- 4 Virus ELISA	\$70.00- \$87.55
	\$84.95-
- 5 Virus ELISA	\$106.20
OTHER TESTING	l
Crop inspection/Prepare Disease Management Plan	\$58.90
Electron Microscopy (EM) Negative stain	\$156.30



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Electron Microscopy (EM) Section and Identification*	\$302.10
Fungal spore extraction (from seeds)	\$127.85
Imported Seed Pathogen Screening	Contact Customer Service
Nematode extraction (from soil/potting media, mulch, plants and seeds)*	\$65.85
PCR (for 1 organism/gene region) Price tiers = 1-6 and 7-50 samples*	\$74.80- \$91.30
PCR (for 2 organisms/gene regions) Price tiers = 1-6 and 7-50 samples*	\$86.45- \$102.90
PCR (for 3organisms/gene regions) Price tiers = 1-6 and 7-50 samples*	\$102.40- \$117.65
PCR (for 4 organisms/gene regions) Price tiers = 1-6 and 7-50 samples*	\$122.60- \$136.20
Seed Fungi Identification (humidification/germination and microscopy)	\$400.95
Seed bacteria identification. Price tiers = 1 and ≥2 samples	\$243.05- \$279.50
Sequencing (per organism/gene region)*	\$26.10

### Note:

- <sup>1</sup> This fee may apply to non-standard submissions, one off tests, samples requiring extra preparation or special project testing.
- Examination prices are per sample (or per number of samples representing one disease or pathogen).
- Test listed are those commonly requested. Please contact the laboratory for details of other tests that are available.
- (\*) These tests are not NATA accredited, however, conducted in a NATA accredited laboratory.



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ENTOMOLOGY DIAGNOSTIC SERVICE	
TEST NAME	PRICE (ex GST)
- Insect/mite identification general, per sample*	\$48.67
<ul> <li>Insect/mite Identification, specialist (includes slide mounting) per sample*</li> </ul>	\$117.27
<ul> <li>DNA barcode identification, per sample*</li> <li>1 to 6 Samples</li> </ul>	\$117.37
<ul> <li>DNA barcode identification, per sample*</li> <li>7 to 50 Samples</li> </ul>	\$100.88
<ul> <li>DNA barcode identification, per sample*</li> <li>&gt;50 Samples – Enquire for project pricing</li> </ul>	Contact Customer Service

#### Note:

- Samples with more than one species present will be charged per species identification. Specific test costs are available for some sample types, please enquire with Customer Services 1800 675 623 or complete the online quotation request form for further information.
- For larger volumes of samples, special project pricing may be possible, please call customer service or use the quotation request form to enquire.
- (\*) These tests are not NATA accredited, however, conducted in a NATA accredited laboratory.



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POSTMORTEN	1						
ANIMAL	NO. OF ANIMALS	PRICE	ANIMAL	NO. C	F ANIV	IALS	PRICE
AVIAN			•	_			
Aviary/Pet bird	1 (small to medium)	\$100.75					
Aviary/Pet bird	1 (large)	\$134.30	-				
Chicks	1	\$35.80					
	<=3 (per animal)	\$100.75					
Poultry	>=4 or <6 (per animal)	\$83.95	1				
	>=7 (per animal)	\$78.35	-				
	<=3 (per animal)	\$134.30					
Turkey	>=4 or <6 (per animal)	\$111.95	-				
AQUATIC							
	Bulk (small)	\$35.80					
Fish	1 (medium)	\$67.15					
	1 (large)	\$100.75	1				
_	1 batch of 12	\$111.95	_				
Oyster	2 or more batches (per batch)	\$100.75	-				
COMPANION	ANIMALS						
Cat	1	\$201.50					
Rabbit	1	\$100.75					
Dog	1	\$201.50	1				
LARGE ANIMA	ils						
Calf	1	\$201.50	LARGE A	ANIMA	LS- FO	ETUS	
Camelid	1	\$302.25	Camelid f	oetus		1	\$67.15
Cow	1	\$604.45	Cow foet	ıs		1	\$67.15
Goat	1	\$201.50	Goat foet	us		1	\$67.15
Horse	1	\$604.45	Horse foe	tus		1	\$67.15
Pig	1	\$201.50	Pig foetus	;		1	\$35.80
Sheep	1	\$201.50	Sheep foe	tus		1	\$67.15
OTHER ANIMA	ALS						
Bat	1	\$100.75					
ADDITIONAL (	CHARGES						
Swab Collection	1	\$35.80	Waste dis	posal	Per kg		\$5.30
POST-MORTE	VI KITS		<u> </u>				
PM KIT SMALL		\$10.56	PM KIT L	ARGE			\$17.95
PM KIT BATCH (	OF 10	\$179.52	PM KIT B	ATCH (	OF 50		\$792.00



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PM KIT BATCH OF 100		\$1,584.00	
NECROPSY REP	ORT		
Bone or Joint	<=3 samples	\$67.50	
Evaluation	>=4 samples or <6 samples	\$100.75	

- Necropsy reports are issued up to 14 days after completion of necropsy.
- To ensure these is no delay in the completion of necropsy, please contact Customer Services to advise when samples will arrive on site or to discuss testing requirements.
- Post-mortem charges DO NOT include additional diagnostic testing i.e. bacterial culture, histopathology.
- Waste disposal fees apply to all large animal and companion animal Post-mortem. Fees may also apply to other, please confirm with Customer Services.

OUTSOURCED TESTING (COMMON)						
TEST NAME	LABORATORY	SAMPLE TYPE	TEST COST (ex GST per sample)	LAB FEE		
Campylobacter SAT (C.fetus fetus/ C.jejuni)	ACE LABS - VIC	Serum (Minimum 100uL)		No Lab fee, however, a minimum of \$30 per submission		
Vitamin D	PATH WEST - WA	Serum	\$30.05	N/A		
Vitamin A & E	DPIRD - WA	Lith Hep	\$25.40	\$27.25		
VILAIIIIII A & E	DPIKD - WA	Tissue, feed	\$66.15	327.25		
Lead	REGIONAL LAB SERVICES (RLS) - VIC	EDTA / Lith Hep Additional \$10.00* fee is applied for clotted blood samples/per sample.	\$35.00 1 <sup>st</sup> sample* \$25.00 additional samples*	N/A		
		Kidney / Liver	\$55.00 1 <sup>st</sup> sample* \$45.00 additional samples*			
Salmonella Typing	SA PATHOLOGY - SA	From culture	\$58.00	N/A		

- Advertised outsourced prices are correct at time of publishing and are shown as a guide only.
   To confirm correct pricing, please contact Customer Services.
- Additional handling and courier fees apply to all outsourced testing; see Service Fees.
- (\*) Pricing provided by RLS is valid until the end of August 2024.
- (\*\*) Pricing provided by ACE Labs is valid until March 2024.



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Commonly only requested tests listed from A-Z. For further information regarding sample type, testing TAT, and tiered pricing, please visit the website at <a href="www.dpi.nsw.gov.au/labs">www.dpi.nsw.gov.au/labs</a>

ANALYSIS ID	TEST NAME	PRICE	LABORATORY
16SRNA_PCR	16sRNA gene sequencing PCR	\$95.40	Molecular Biology
	Α		
A2_PCR	A2 Milk protein- Dairy Breeds PCR (<50 samples)	\$34.00	Biotechnology
A2_PCR	A2 Milk protein- Dairy Breeds PCR (51-199 samples)	\$28.40	Biotechnology
A2_PCR	A2 Milk protein- Dairy Breeds PCR (200+ samples in 1 submission)	\$17.75	Biotechnology
ABHV1_PCR	Abalone (Hallotid) Herpesvirus 1 Real-Time PCR*	\$93.55	Virology
Various	Abortion Investigation	Contact Customer Service	Various
APP_APX	Actinobacillus pleuropneumoniae ELISA	\$22.10	Serology
A_PLEU_PCR	Actinobacillus pleuropneumoniae PCR*	\$95.40	Molecular Biology
A_SEM_NIP	Actinobacillus seminis- Selective Culture	\$71.65	Bacteriology
A_SEM_PCR	Actinobacillus seminis PCR	\$95.40	Molecular Biology
AHPND_QPCR	Acute hepatopancreatic necrosis disease qPCR 1-90 samples*	\$72.25	Molecular Biology
AHPND_QPCR	Acute hepatopancreatic necrosis disease qPCR 91-179 samples*	\$57.15	Molecular Biology
AHPND_QPCR	Acute hepatopancreatic necrosis disease qPCR 180+ samples*	\$49.10	Molecular Biology
AER_CLT	Aerobic Routine Culture	\$48.15	Bacteriology
AER_CLT_ID	Aerobic Bacterial Identification	\$15.00	Bacteriology
AINO_VN	Aino Virus Neutralisation Test (VNT)	\$48.10	Virology
AINO_PCR	Aino Virus RT-PCR	\$93.55	Virology
AKA_ABEL	Akabane Virus Antibody ELISA	\$13.55	Virology
AKA_VN	Akabane Virus Neutralisation Test (VNT)	\$48.10	Virology
AKA_PCR	Akabane Virus RT-PCR	\$93.55	Virology
AMAMR_PCR	alpha-Mannosidosis in Angus and Murray Greys	\$30.95	Biotechnology
AMGR_PCR	alpha-Mannosidosis in Galloways*	\$30.95	Biotechnology
BEE_MIC	American foulbrood (AFB) and European foulbrood (EFB)  – microscopy	\$29.90	Bacteriology
PA_LAR_CLT	American foulbrood (AFB) Paenibacillus honey/bee culture <10 samples	\$42.85	Bacteriology
PA_LAR_CLT	American foulbrood (AFB) Paenibacillus honey/bee culture >10 samples (single submission with one report)	\$38.60	Bacteriology
ANAER_CLT	Anaerobic bacteria culture	\$71.65	Bacteriology
ANA_M_QPCR	Anaplasma marginale qPCR*	\$95.40	Molecular Biology
APLAT_QPCR	Anaplasma platys qPCR*	\$88.60	Molecular Biology



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ANALYSIS ID	TEST NAME	PRICE	LABORATORY
BA_ANT_PCR	Anthrax PCR	\$134.60	Molecular Biology
BA_ANT_SS	Anthrax- microscopy	\$29.90	Bacteriology
SEN_N_GEN	Antibiotic Sensitivity - Gram Negative Organisms - General	\$21.35	Bacteriology
SEN_SPECT	Antibiotic Sensitivity Culture	\$21.35	Bacteriology
ABLVIN_PCR	Australian Bat Lyssavirus (insectivorous) PCR*	\$93.55	Virology
ABLVPT_PCR	Australian Bat Lyssavirus (pteropid) PCR*	\$93.55	Virology
AVCHL_QPCR	Avian Chlamydia Panel PCR-Chlamydia psittaci, Chlamydia gallinacea, Chlamydia avium *	\$120.25	Molecular Biology
AI_ABEL	Avian Influenza Antibody ELISA	\$16.00	Virology
FLU_MATPCR	Avian Influenza A matrix Real-time PCR	\$93.55	Virology
AI_H5_HI	Avian Influenza Virus (subtype H5) Antibody HI Test	\$9.25	Virology
Al_H7_HI	Avian Influenza Virus (subtype H7) Antibody HI Test	\$9.25	Virology
AVC_VI	Avian Virus Isolation - in Cell Culture (3 passes)	\$151.95	Virology
AVE3_VI	Avian Virus Isolation - in SPF Embryos (3 passes)	\$387.40	Virology
NDV_VI	Avian Virus Isolation - Newcastle Disease Virus (NDV)  Virus Isolation	\$387.40	Virology
	В		
BABBG_QPCR	Babesia bigemina qPCR*	\$88.60	Molecular Biology
BABO_QPCR	Babesia bovis qPCR*	\$88.60	Molecular Biology
TFEV_QPCR	Babesia bovis, Babesia bigemina and Anaplasma marginale (Tick Fever qPCR)*	\$216.85	Molecular Biology
BABCA_QPCR	Babesia caballi qPCR*	\$285.00	Molecular Biology
BABMAC_PCR	Babesia macropus qPCR*	\$88.60	Molecular Biology
BMSR_PCR	beta-Mannosidosis in Salers*	\$30.95	Biotechnology
OUTSOURCED	Blue-green algae – microscopic examination	Contact Customer Service	Outsourced Lab
JD_FC_HELQ	Bovine Johne's Disease (BJD) - Herd Environmental Culture (Liquid Culture)*	\$128.40	Bacteriology
BLU_AGID	Bluetongue Virus Antibody AGID	\$22.10	Virology
BLU_ABEL	Bluetongue Virus Antibody ELISA	\$13.55	Virology
BLU_VI	Bluetongue Virus Isolation	\$231.85	Virology
BLU_PCR	Bluetongue virus RT-PCR	\$93.55	Virology
BDV_RTPCR	Border Disease Virus Real-Time PCR*	\$93.55	Virology
BOR_SP_PCR	Bordetella sp. PCR*	\$95.40	Molecular Biology
CORONA_PCR	Bovine Coronavirus Real Time PCR*	\$93.55	Virology
BEF_ABEL	Bovine Ephemeral Fever Virus Antibody ELISA	\$13.55	Virology
BEF_VN	Bovine Ephemeral Fever Virus Neutralisation Test (VNT)	\$48.10	Virology
BEF_RTPCR	Bovine Ephemeral Fever Virus Real Time PCR	\$93.55	Virology
Various	Bovine Johne's Disease Antibody ELISA- Various	\$13.80	Serology
BLADR_PCR	Bovine Leucocyte Adhesion Deficiency- Holstein Friesian	\$30.95	Biotechnology
BRSV_RTPCR	Bovine Respiratory Syncytial Virus Real Time PCR*	\$93.55	Virology



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ANALYSIS ID	TEST NAME	PRICE	LABORATORY
BPINK_QPCR	Bovine Pinkeye Panel* (Includes: Moraxella bovis, Moraxella bovoculi, Mycoplasma bovis)	\$120.25	Molecular Biology
Various	Bovine Viral Diarrhoea Virus (BVDV) testing- Refer to Pestivirus tests	Various	Virology
BCRHS_PCR	Brachygnathia, Cardiomegaly and Renal Hypoplasia Syndrome PCR*	\$30.95	Biotechnology
B_HYO_PCR	Brachyspira hyodysenteriae PCR*	\$88.60	Molecular Biology
B_PILO_PCR	Brachyspira pilosicoli PCR*	\$88.60	Molecular Biology
BR_ABO_CF	Brucella abortus CFT	\$14.35	Serology
B_AB_CF_IU	Brucella abortus Complimentary fixation (CFT) in International Units	\$14.35	Serology
BR_ABO_ABE	Brucella abortus ELISA	\$18.80	Serology
BR_ABO_RBP	Brucella abortus RBT (Rose Bengal Test)	\$8.15	Serology
BR_ABO_SA	Brucella abortus SAT	\$19.10	Serology
Various	Brucella abortus SAT – Export and in IU (<15 IU)	\$19.10	Serology
BR_SUI_ABE	Brucella ELISA- SVANOVIR® -Brucella antibody C-ELISA (B.abortus, B melitensis & B.suis antibody detection) *	\$20.85	Serology
BCANIS_PCR	Brucella canis qPCR*	\$285.00	Molecular Biology
BRUCEL_PCR	Brucella ladder PCR* (speciates Brucella spp.)	\$134.60	Molecular Biology
BR_OVI_CF	Brucella ovis complement fixation test (CFT)	\$12.65	Serology
BRU_RAMCLT	Brucella ovis - Ram - Culture and Serology	\$158.80	Bacteriology
BR_OVI_ABE	Brucella ovis Ab ELISA -1-9 samples*	\$12.55	Serology
BR_OVI_ABE	Brucella ovis Ab ELISA -10-49 samples*	\$11.75	Serology
BR_OVI_ABE	Brucella ovis Ab ELISA -50+ samples*	\$11.15	Serology
B_OVIS_PCR	Brucella ovis PCR	\$95.40	Molecular Biology
B_OVIS_CLT	Brucella ovis culture	\$71.65	Bacteriology
MUL_OV_PCR	B ovis; A seminis; H somni - Multiplex PCR Assay	\$95.40	Molecular Biology
BRUCE_CLT	Brucella spp- Selective Culture	\$71.65	Bacteriology
BUNG_VN	Bungowannah Virus Neutralisation Test (VNT)*	\$48.10	Virology
BUNG_PCR	Bungowannah Virus RT-PCR	\$93.55	Virology
	C		
CE_CRYPTO	Calf Enteric Test- Cryptosporidia*	\$34.15	Bacteriology
CE_K99	Calf Enteric Test - E. coli K99*	\$34.15	Bacteriology
CE_ROTA	Calf Enteric Test - Rotavirus*	\$34.15	Bacteriology
CE_K99_C	Calf Enteric Tests – 2 of the above pathogens*	\$57.00	Bacteriology
CE_K99_R_C	Calf Enteric Tests – All 3 of the above pathogens*	\$79.80	Bacteriology
CFETM_QPCR	Campylobacter fetus subspecies multiplex qPCR* (C. fetus ssp. fetus, C. fetus ssp. venerealis, C. fetus subsp. testudinum)	\$120.25	Molecular Biology
CAMP_ABEL	Campylobacter ELISA	\$22.95	Serology
CAMP_CLT	Campylobacter spp culture	\$71.65	Bacteriology
CAMP_NIP	Campylobacter fetus subsp. venerealis culture	\$55.90	Bacteriology
CAE_ABEL	Caprine Arthritis Encephalitis (CAE) Virus Antibody ELISA	\$13.55	Virology



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ANALYSIS ID	TEST NAME	PRICE	LABORATORY
CAEMV_ABEL	Caprine Arthritis Encephalitis Virus/Maedi-Visna Virus (CAEMV) Antibody ELISA	\$13.55	Virology
CAE_RTPCR	Caprine Arthritis-Encephalitis Virus Real Time PCR*	\$93.55	Virology
CJD_EL_ID	Caprine Johne's Disease Ab ELISA	\$13.80	Serology
BEE_MIC	Chalkbrood - microscopy	\$29.90	Bacteriology
CHSRW_PCR	Chediak Higachi Syndrome in Wagyu (CHS)*	\$30.95	Biotechnology
AVCHL_QPCR	Chlamydia (Avian) Panel PCR (includes C.psittaci, C.avium and C.gallinacea)*	\$120.25	Molecular Biology
NPCHL_QPCR	Chlamydia (Non-Poultry Avian) Panel PCR (includes C.genus, C.avium & C.psittaci)*	\$120.25	Molecular Biology
PCHL_QPCR	Chlamydia (Poultry) Panel PCR (includes C.genus, C.gallinacea and C.psittaci)*	\$120.25	Molecular Biology
CHLAME_MLT	Chlamydia abortion multiplex - Equine panel* (C.abortus, C.genus, C.psittaci)	\$120.25	Molecular Biology
CHLAMO_MLT	Chlamydia abortion multiplex - Ovine panel* (C.abortus, C.genus, C.pecorum)	\$120.25	Molecular Biology
C_ABOR_RT	Chlamydia abortus qPCR*	\$95.40	Molecular Biology
CHLAM_2CF	Chlamydia Complement Fixation Test (CFT) 1: 2 Export*	\$21.60	Serology
CHLAM_4CF	Chlamydia Complement Fixation Test (CFT) 1: 4 Export*	\$20.45	Serology
CHLAM_CF	Chlamydia Complement Fixation Test (CFT) Standard	\$17.70	Serology
C_PEC_RT	Chlamydia pecorum qPCR*	\$88.60	Molecular Biology
C_PSIT_RT	Chlamydia psittaci RT-qPCR*	\$88.60	Molecular Biology
CHLAMY_PCR	Chlamydia RT qPCR*	\$95.40	Molecular Biology
CHLAM_PCRC	Chlamydia spp PCR (Conventional PCR)*	\$95.40	Molecular Biology
CITR_PCR	Citrullinaemia- Holstein Friesian	\$30.95	Biotechnology
C16RW_PCR	Claudin 16 in Wagyu*	\$30.95	Biotechnology
CL_D_CIEP	Clostridium perfringens Toxin Assay (CIEP)	\$83.00	Bacteriology
CL_PER_MIC	Clostridium- microscopy and gram stain	\$29.90	Bacteriology
CCDBR_PCR	Coat Colour Dominant Black Allele*	\$30.95	Biotechnology
CCRRR_PCR	Coat Colour Recessive Red Allele*	\$42.65	Biotechnology
CMSR_PCR	Congenital Myasthenic Syndrome (CMS) in Brahmans*	\$30.95	Biotechnology
HIST_HE1	Cysticercus bovis (histopathology)	\$74.15	Histology
CYT_EXAM	Cytology Examination	\$63.95	Histology
	D		
DUMPR_PCR	Deficiency of Uridine Monophosphate Synthase PCR*	\$30.95	Biotechnology
DE_CON_CLT	Dermatophilus species- selective culture	\$71.65	Bacteriology
DERMR_PCR	Dermatosparaxis (ovine) in white dorper sheep PCR	\$30.95	Biotechnology
DNA_EXTR	DNA Extraction	\$23.50	Biotechnology
ID_MATCH	DNA identity analysis*	\$42.65	Biotechnology
PARENTAGE	DNA parentage analysis*	\$42.65	Biotechnology
SPECIES_ID	DNA phylogenetic analysis *	\$139.10	Biotechnology
DWARF_PCR	Dwarfism in Angus PCR*	\$30.95	Biotechnology
MY821R_PCR	Double muscling (nt821 del11) Myostatin Gene PCR*	\$30.95	Biotechnology



### NSW

ANALYSIS ID	TEST NAME	PRICE	LABORATORY
MYOSTR_PCR	Double muscling (C313Y) Myostatin Gene PCR*	\$42.65	Biotechnology
FECRT_CALC	Drench Test-FEC Reduction Test-4 groups (with culture)*	\$588.04	Parasitology
FECRT_CALC	Drench Test–FEC Reduction Test - additional single group (with culture)*	\$141.15	Parasitology
	E		
EDS_HI	Egg Drop Syndrome Virus HI Test*	\$9.25	Virology
E_CAN_ABE	Ehrlichia Canis IgG ELISA*	\$23.20	Serology
ECAN_QPCR	Ehrlichia canis qPCR*	\$120.25	Molecular Biology
ECAP_QPCR	Ehrlichia canis/Anaplasma platys multiplex qPCR*	\$120.25	Molecular Biology
EM_IMMUNO	Electron Microscopy (EM) - Immunoelectron Microscopy*	\$156.30	Virology
EM_NSTAIN	Electron Microscopy (EM) - Negative Stain	\$156.30	Virology
EM_SECT_ID	Electron Microscopy (EM) - Section & ID*	\$302.10	Virology
EMC_VN	Encephalomyocarditis Virus Neutralisation Test (VNT)	\$48.10	Virology
EMC_RTPCR	Encephalomyocarditis Virus Real Time PCR*	\$93.55	Virology
EBL_AGID	Enzootic Bovine Leucosis (EBL) antibody AGID Test	\$22.10	Virology
EBL_ABEL	Enzootic Bovine Leucosis (EBL) Antibody ELISA	\$22.45	Virology
EB_EL_POOL	Enzootic Bovine Leucosis (EBL) Virus Antibody ELISA (Pooled samples - Export)	\$22.45	Virology
EBL_POOL	EBL Pooling fee (50 samples or part thereof)	\$50.95	Virology
EHD_PCR	Epizootic Haemorrhagic Disease Virus (EHDV) PCR	\$93.55	Virology
EHD_AGID	Epizootic Haemorrhagic Disease Virus Antibody AGID	\$22.10	Virology
EHD_VI	Epizootic Haemorrhagic Disease Virus Isolation (3 passes)	\$151.95	Virology
EHNV_PCR	Epizootic Haematopoietic Necrosis Virus (EHNV) RT PCR*	\$93.55	Virology
EVA_VI	Equine Arteritis Virus (EVA) Isolation (3 passes)	\$151.95	Virology
EVA_VN	Equine Arteritis Virus (EVA) Neutralisation Test (VNT)	\$48.10	Virology
EVA_RT_PCR	Equine Arteritis Virus (EVA) Real Time PCR	\$93.55	Virology
EIA_AGID	Equine Infectious Anaemia (EIA) Virus Antibody AGID	\$22.10	Virology
EI_ABEL	Equine Influenza (EI) Antibody ELISA	\$16.00	Virology
FLU_MATPCR	Equine Influenza A matrix PCR	\$93.55	Virology
EI_HI	Equine Influenza (EI) Virus Antibody HI Test	\$9.25	Virology
EHV1_PCR	Equine Herpes Virus 1 (EHV1) Real Time PCR*	\$93.55	Virology
EHV4_PCR	Equine Herpes Virus 4 (EHV4) Real Time PCR*	\$93.55	Virology
EHV1_VN	Equine Herpes Virus 1 (EHV1) Virus Neutralisation Test (VNT)	\$48.10	Virology
ERYSIP_CLT	Erysipelothrix spp- selective culture	\$71.65	Bacteriology
E_RHUS_PCR	Erysipelothrix rhusiopathiae PCR*	\$95.40	Molecular Biology
ERY_SP_PCR	Erysipelothrix spp. PCR*	\$95.40	Molecular Biology
BEE_MIC	European foulbrood (EFB) and American foulbrood (AFB) – microscopy	\$29.90	Bacteriology
EXPRESS_WA	Express Parasitology testing- applies to each sample requiring express testing	\$56.15	Parasitology



### NSW

ANALYSIS ID	TEST NAME	PRICE	LABORATORY
	F		
F11DRW_PCR	Factor 11 Deficiency in Wagyu (F11)*	\$30.95	Biotechnology
F13DRW_PCR	Factor 13 Deficiency in Wagyu (F13)*	\$42.65	Biotechnology
FXIR_PCR	Factor XI Deficiency in Holstein Friesians*	\$42.65	Biotechnology
Various	Faecal Egg Count*	\$18.45	Parasitology
FEC_NZ_NP	Faecal Egg Count (based on Egwang & Slocombe method) for exports	\$40.70	Parasitology
Various	Faecal Egg Count (2 pools of up to 10 samples)	\$40.55	Parasitology
Various	Faecal Egg Count (Up to 10 individual samples)	\$65.55	Parasitology
FSH_ID	Fish genotyping (Bass/Estuary Perch)*	\$70.85	Biotechnology
FISH_CULT	Fish bacteria culture	\$71.65	Bacteriology
SIMP_FLOT	Flotation concentration (alternative to Wet prep)	\$15.90	Parasitology
FEC_FLU_WA	Fluke (Liver/Stomach) Egg Count (inter-state movement)	\$59.30	Parasitology
FEC_FLU_IN	Fluke (Liver/Stomach) Egg Count (international exports)	\$68.85	Parasitology
Various	Fluke/Parasitology express testing (each sample)	\$56.15	Parasitology
FLUKE_QUAL	Fluke (Liver/Stomach) Qualitative testing- presence/absence Individual testing	\$36.20	Parasitology
FLU_QUAL_2	Fluke (Liver/Stomach) Qualitative testing- presence/absence- 2 pools of 5 samples	\$57.05	Parasitology
FLU_QUAL_5	Fluke (Liver/Stomach) Qualitative testing- presence/absence- 5 pools of 2 samples	\$98.20	Parasitology
FEC_FLUKE	Fluke (Liver/Stomach)- Quantitative testing- (non- export)- Individual testing	\$47.60	Parasitology
WT_FLUKE_2	Fluke (Liver/Stomach)- Quantitative testing- (non- export)- 2 pools of 5 samples	\$94.55	Parasitology
WT_FLUKE_5	Fluke (Liver/Stomach)- Quantitative testing- (non- export)- 5 pools of 2 samples	\$168.55	Parasitology
FASC_AGEL	Fluke (Liver) Antigen ELISA - Individual	\$37.60	Parasitology
FASC_EL_2	Fluke (Liver) Antigen ELISA - 2 pools of 5 samples	\$56.75	Parasitology
FASC_EL_5	Fluke (Liver) Antigen ELISA - 5 pools of 2 samples	\$99.25	Parasitology
FASC_EL_BL	Fluke (Liver) ELISA – Blood	\$26.05	Serology
FASC_EL_PL	Fluke (Liver) ELISA – (pool of 5)	\$26.05	Serology
FASC_POOL	Fluke (Liver) ELISA – pooling fee (per pool)	\$6.50	Serology
FASC_EL_MK	Fluke (Liver) ELISA – Bulk Milk*	\$26.05	Serology
DI_NOD_ELA	Footrot Elastase (per isolate)*	\$62.00	Bacteriology
N/A	Footrot Culture (5 swabs total)*	\$399.00	Bacteriology
DI_NOD_CLT	Footrot Culture (Price per swab, 1-4 swabs)* A Price	\$128.40	Bacteriology
DI_NOD_CLT	Footrot Culture (Price per swab, 5+ swabs)* B Price	\$79.80	Bacteriology
FAV_VN	Fowl Adenovirus Virus Neutralisation Test (VNT)	\$133.70	Virology



### NSW

ANALYSIS ID	TEST NAME	PRICE	LABORATORY
MSD_PCR	Freemartinism- Male Specific* (DNA Extraction fee also applies)	\$30.95	Biotechnology
FUNG_ID	Fungi- culture Identification	\$55.90	Bacteriology
FUNG_CLT	Fungi- Selective culture	\$71.65	Bacteriology
	G, H		
GEN_VI	General Virus Isolation- 3 passes	\$151.95	Virology
GEN_4P_VI	General Virus Isolation - 4 passes	\$231.85	Virology
GRAM_MIC	Gram stain examination	\$29.90	Bacteriology
H_PARA_PCR	Haemophilus parasuis (Glaesserella Parasuis) PCR*	\$95.40	Molecular Biology
HEND_GABEL	Hendra Virus Antibody ELISA (G protein)	\$13.55	Virology
HEND_VPCR	Hendra Virus (variant) Real Time PCR*	\$93.55	Virology
HEND_RTPCR	Hendra Virus Real Time PCR	\$93.55	Virology
HTJ_PCR_C	High Throughput Polymerase Chain Reaction Assay for Johnes (HTJ PCR) <10 samples or >93 samples*	Contact Customer Service for a Quote	Molecular Biology
HTJ_PCR_C	High Throughput Polymerase Chain Reaction Assay for Johnes (HTJ PCR) (10-28)*	\$98.00	Molecular Biology
HTJ_PCR_C	High Throughput Polymerase Chain Reaction Assay for Johnes (HTJ PCR) (29-60)*	\$84.10	Molecular Biology
HTJ_PCR_C	High Throughput Polymerase Chain Reaction Assay for Johnes (HTJ PCR) (61-92)*	\$61.10	Molecular Biology
HTJPF	HTJ PCR Pooling Fee (per pool)	\$51.35	Molecular Biology
HIST_HE1	Histopathology – Preparation & Examination	\$74.15	Histology
HIST_HE_PR	Histopathology – Process & Stain Contract (Cassetted)	\$19.90	Histology
Various	Histopathology – Special Stain	\$47.30	Histology
H_SOM_NIP	Histophilus somni selective culture	\$71.65	Bacteriology
H_SOMN_PCR	Histophilus somni PCR	\$95.40	Molecular Biology
MUL_OV_PCR	H.somni, B ovis; A seminis - Multiplex PCR Assay	\$95.40	Molecular Biology
HYPPR_PCR	Hyperkalemic Periodic Paralysis in Quarter Horses*	\$30.95	Biotechnology
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IGG_AGID	Immunoglobulin G (Bovine) AGID Test	\$22.10	Virology
IGG_AGID_H	Immunoglobulin G (Bovine) AGID Test – High Concentration	\$22.10	Virology
IBR_ABEL	Infectious Bovine Rhinotracheitis (IBR) Antibody ELISA	\$19.05	Virology
IBR_RT_PCR	Infectious Bovine Rhinotracheitis (IBR) Real Time PCR	\$93.55	Virology
IBR2_VI	Infectious Bovine Rhinotracheitis (IBR) Virus Isolation (2 passes)	\$151.95	Virology
IBR3_VI	Infectious Bovine Rhinotracheitis (IBR) Virus Isolation (3 passes)	\$151.95	Virology
IBR_VN	Infectious Bovine Rhinotracheitis (IBR) Virus Neutralisation Test (VNT)	\$48.10	Virology
ILT_PCR	Infectious Laryngotracheitis (ILT) Virus Real Time PCR*	\$93.55	Virology
ISKNV_PCR*	Infectious spleen and kidney necrosis virus Real-time PCR* (ISKNV Real-Time PCR)	\$93.55	Virology



### NSW

AL_HI Influenza A Antibody Hi Test Sp.25 Virology AL_HI Influenza A Antibody Hi Test Sp.25 Virology IEU_MATPCR Influenza A Martik RT-PCR Sp33.55 Virology IEU_MATPCR Influenza A Martik RT-PCR Sp33.55 Virology IEV_ABEL IJEV_ABEL Japanese Encephalitis Virus Antibody ELISA* Sp3.55 Virology JEV_ABEL Japanese Encephalitis Virus Antibody ELISA* Sp3.55 Virology JD_FC_HELQ Johne's Disease (Bovine) — Herd Environmental Liquid Culture (HEC)* JD_CLT_LIQ Johne's Disease (Bovine) — Herd Environmental Liquid Culture (HEC)* JD_CLT_LIQ Johne's Disease Individual Liquid Culture & PCR* Sp3.55 Virology JD_CLT_LIP Johne's Disease Pooled Faecal Culture + Indicator* Sp3.55 Serology JD_AGID JD_CLT_LIP Johne's Disease (Ovine/Caprine) AGID Sp3.55 Serology JD_AGID JD_CLT_LIP Johne's Disease Pooled Faecal Culture + Indicator* Sp3.30 Serology Various Johne's Disease (Illa) Johne's Disease (Illa) JD_MS_EL_ID JD_CLT_D Johne's Disease (Illa) Johne's Disease (Illa) JD_MS_EL_ID Johne's Disease High Throughput PCR- Refer to "H" And Molecular Biology JD_SUB_LIQ Johne's Disease Subculture* Sp3.30 Bacteriology LARVAL_DIF	ANALYSIS ID	TEST NAME	PRICE	LABORATORY
FLU_MATPCR	Al_AGID	Influenza A Antibody AGID Test	\$22.10	Virology
ICMR_PCR	Al_HI	Influenza A Antibody HI Test	\$9.25	Virology
JEV_ABEL Japanese Encephalitis Virus Antibody ELISA* \$13.55 Virology  JEV_PCR Japanese Encephalitis Virus Real-Time PCR* \$93.55 Virology  JD_FC_HELQ Johne's Disease (Bovine) – Herd Environmental Liquid Culture (HEC)* \$128.40 Bacteriology  D_CLT_LIQ Johne's Disease Individual Liquid Culture & PCR* \$109.90 Bacteriology  JD_CLT_LP Johne's Disease Pooled Faecal Culture + Indicator* \$128.40 Bacteriology  JD_CLT_LP Johne's Disease (Ovine/Caprine) AGID \$16.55 Serology  JD_AGID Johne's Disease (Ovine/Caprine) AGID \$16.55 Serology  JD_CF Johne's Disease (Ovine/Caprine) AGID \$16.55 Serology  JD_MS_ELJD Johne's Disease ELISA \$13.80 Serology  JD_MS_ELJD Johne's Disease ELISA \$13.80 Serology  N/A Johne's Disease High Throughput PCR- Refer to "H" N/A Molecular Biology  JD_SUB_LIQ Johne's Disease Subculture* \$39.30 Bacteriology  JD_SUB_LIQ Johne's Disease Subculture* \$39.30 Bacteriology  LARVAL_DIFF (FEC charged separately)  LARVAL_DIFF (FEC charged separately)  LARVAL_DO Larval Differentiation - In parallel with FEC (FEC charged separately)  LARVAL_DO Larval Differentiation for Horse Worm Test (FEC charged \$34.65 Parasitology  LARV_DIF_H Larval Differentiation for Horse Worm Test (FEC charged \$34.65 Parasitology  LARV_DIF_H Lavanolia intracellularis AD ELISA \$26.45 Serology  LAW_ABEL Lawsonia intracellularis AD ELISA \$26.45 Serology  LINAP_QPCR Lawsonia intracellularis PCR* \$95.40 Molecular Biology  LINAP_QPCR Lawsonia intracellularis APCR* 10 Samples Quote Required Molecular Biology  LINAP_QPCR Lawsonia intracellularis QPCR* 10-22 samples \$99.05 Molecular Biology  LINAP_QPCR Lawsonia intracellularis QPCR* 83-87 samples \$99.05 Molecular Biology  LINAP_QPCR Lawsonia intracellularis QPCR* 83-87 samples \$99.05 Molecular Biology  L_CAN_MA Leptospira australis MAT \$15.10 Serology  L_CAN_MA Leptospira conenhageni MAT \$15.10 Serology  L_CAN_MA Leptospira propona MAT \$15.10 Serology  L_CRI_MA Leptospira propona MAT \$15.10 Serology  L_TAM_MA Leptospira propona MAT \$15.10 Serology  L_TAM_MA Leptospira propona MAT \$15.10 Serology  L_TA	FLU_MATPCR	Influenza A matrix RT-PCR	\$93.55	Virology
JEV_ABEL Japanese Encephalitis Virus Antibody ELISA* \$13.55 Virology  JEV_PCR Japanese Encephalitis Virus Real-Time PCR* \$93.55 Virology  JD_FC_HELQ Johne's Disease (Bovine) – Herd Environmental Liquid Culture & PCR* \$109.90 Bacteriology  JD_CLT_LIQ Johne's Disease (Bovine) – Herd Environmental Liquid Culture & PCR* \$109.90 Bacteriology  JD_CLT_LP Johne's Disease Pooled Faecal Culture + Indicator* \$128.40 Bacteriology  JD_CLT_LP Johne's Disease (Ovine/Caprine) AGID \$16.55 Serology  JD_AGID Johne's Disease (Ovine/Caprine) AGID \$16.55 Serology  JD_GCF Johne's Disease (Covine/Caprine) AGID \$16.55 Serology  JD_MS_EL_ID Johne's Disease (ELISA \$13.80 Serology  JD_MS_EL_ID Johne's Disease (Illispecies) ELISA \$13.80 Serology  JD_MS_EL_ID Johne's Disease (Multispecies) ELISA \$13.80 Serology  JD_MS_EL_ID Johne's Disease High Throughput PCR. Refer to "H" N/A Molecular Biology  JD_SUB_LIQ Johne's Disease Subculture* \$39.30 Bacteriology  LARVAL_DIFF (FEC charged separately)  LARVAL_DIFF (FEC charged separately)  LARVAL_DO Larval Differentiation - In parallel with FEC (FEC charged separately)  LARVAL_DO Larval Differentiation for Horse Worm Test (FEC charged \$34.65 Parasitology  LARV_DIF_H Larval Differentiation for Horse Worm Test (FEC charged \$34.65 Parasitology  LARV_ABEL Lawsonia intracellularis AB ELISA \$26.45 Serology  LINAP_QPCR Lawsonia intracellularis PCR* \$95.40 Molecular Biology  LINAP_QPCR Lawsonia intracellularis PCR* \$95.40 Molecular Biology  LINAP_QPCR Lawsonia intracellularis qPCR* 10 Samples Quote Required Molecular Biology  LINAP_QPCR Lawsonia intracellularis qPCR* 10 Samples \$99.05 Molecular Biology  LINAP_QPCR Lawsonia intracellularis qPCR* 88 + samples \$99.05 Molecular Biology  LINAP_QPCR Lawsonia intracellularis qPCR* 88 + samples \$99.05 Molecular Biology  L_CAN_MA Leptospira canicola MAT \$15.10 Serology  L_CAN_MA Leptospira copenhageni MAT \$15.10 Serology  L_COP_MA Leptospira propona MAT \$15.10 Serology  L_CRI_MA Leptospira propona MAT \$15.10 Serology  L_TAM_MA Leptospira propona MAT \$15.10 Serology  L	ICMR_PCR	Inherited Congenital Myoclonus- Poll Hereford PCR*	\$30.95	Biotechnology
JEV_PCR   Japanese Encephalitis Virus Real-Time PCR*   \$93.55   Virology   JD_FC_HELQ   Johne's Disease (Bovine) - Herd Environmental Liquid   \$128.40   Bacteriology   JD_CLT_LIQ   Johne's Disease Individual Liquid Culture & PCR*   \$109.90   Bacteriology   JD_CLT_LIQ   Johne's Disease Pooled Faecal Culture + Indicator*   \$128.40   Bacteriology   JD_AGID   Johne's Disease (Pooled Faecal Culture + Indicator*   \$128.40   Bacteriology   JD_AGID   Johne's Disease (Ovine/Caprine) AGID   \$16.55   Serology   JD_MCF   Johne's Disease Complement fixation test (CFT)   \$14.70   Serology   JD_MS_EL_ID   Johne's Disease EUSA   \$13.80   Serology   JD_MS_EL_ID   Johne's Disease EUSA   \$13.80   Serology   JD_MS_EL_ID   Johne's Disease EUSA   \$13.80   Serology   JD_SUB_LIQ   Johne's Disease Subculture*   \$39.30   Bacteriology   JD_SUB_LIQ   Johne's Disease Subculture*   \$39.30   Bacteriology   JD_SUB_LIQ   Johne's Disease Subculture*   \$34.65   Parasitology   LARVAL_DO   Larval Differentiation - In parallel with FEC   \$34.65   Parasitology   LARVAL_DO   Larval Differentiation For Horse Worm Test (FEC charged separately)   \$46.60   Parasitology   LARV_DIF_H   Larval Differentiation For Horse Worm Test (FEC charged separately)   \$34.65   Parasitology   LARV_DIF_H   Lavsonia intracellularis Ab ELISA   \$26.45   Serology   LINAP_QPCR   Lawsonia intracellularis PCR*   \$95.40   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis PCR*   \$95.40   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QP	_	J		
JD_FC_HELQ   Johne's Disease (Bovine) – Herd Environmental Liquid Culture (HEC)*   JD_CLT_LIQ   Johne's Disease Individual Liquid Culture & PCR*   \$109.90   Bacteriology   JD_CLT_LP   Johne's Disease Individual Liquid Culture & PCR*   \$109.90   Bacteriology   JD_CLT_LP   Johne's Disease Pooled Faecal Culture + Indicator*   \$128.40   Bacteriology   JD_CCF   Johne's Disease (Ovine/Caprine) AGID   \$16.55   Serology   JD_CF   Johne's Disease Complement fixation test (CFT)   \$14.70   Serology   JD_MS_EL_JD   Johne's Disease ELISA   \$13.80   Serology   JD_MS_EL_JD   Johne's Disease ELISA   \$13.80   Serology   JD_MS_EL_JD   Johne's Disease (Multispecies) ELISA   \$13.60   Serology   JD_SUB_LIQ   Johne's Disease Subculture*   \$39.30   Bacteriology   JD_SUB_LIQ   Johne's Disease Subculture*   \$39.30   Bacteriology   JD_SUB_LIQ   Johne's Disease Subculture*   \$39.30   Bacteriology   JD_SUB_LIQ   Johne's Disease Subculture*   \$34.65   Parasitology   LARVAL_DIFF   Larval Differentiation - In parallel with FEC   \$34.65   Parasitology   LARVAL_DO   Larval Differentiation For Horse Worm Test (FEC charged separately)   \$46.60   Parasitology   LARV_DIF_H   Larval Differentiation For Horse Worm Test (FEC charged separately)   \$34.65   Parasitology   LARV_ABEL   Lawsonia intracellularis Ab ELISA   \$26.45   Serology   LINAP_QPCR   Lawsonia intracellularis Ab ELISA   \$26.45   Serology   LINAP_QPCR   Lawsonia intracellularis QPCR* < 10 Samples   Quote Required   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 34-8 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 35-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 35-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intra	JEV_ABEL	Japanese Encephalitis Virus Antibody ELISA*	\$13.55	Virology
JD_CLT_LIQ   Johne's Disease Individual Liquid Culture & PCR*   \$109.90   Bacteriology	JEV_PCR	Japanese Encephalitis Virus Real-Time PCR*	\$93.55	Virology
JD_CLT_LIQ   Johne's Disease Individual Liquid Culture & PCR*   \$109.90   Bacteriology   JD_CLT_LP   Johne's Disease Pooled Faecal Culture + Indicator*   \$128.40   Bacteriology   JD_AGID   Johne's Disease (Ovine/Caprine) AGID   \$16.55   Serology   JD_CF   Johne's Disease complement fixation test (CFT)   \$14.70   Serology   JD_CF   Johne's Disease Complement fixation test (CFT)   \$14.70   Serology   JD_MS_EL_ID   Johne's Disease ELISA   \$13.80   Serology   JD_MS_EL_ID   Johne's Disease (Multispecies) ELISA   \$13.60   Serology   JD_MS_EL_ID   Johne's Disease High Throughput PCR- Refer to "H"   N/A   Molecular Biology   M/A   Johne's Disease Subculture*   \$39.30   Bacteriology   JD_SUB_LIQ   Johne's Disease Subculture*   \$39.30   Bacteriology   JD_SUB_LIQ   Johne's Disease Subculture*   \$34.65   Parasitology   LARVAL_DIFF   Larval Differentiation- In parallel with FEC (FEC charged separately)   \$46.60   Parasitology   LARVAL_DIFF   Larval Differentiation for Horse Worm Test (FEC charged separately)   \$34.65   Parasitology   LARVAL_DIFF   Larval Differentiation for Horse Worm Test (FEC charged separately)   S46.60   Parasitology   LARV_DIFF   Lavender Foal Syndrome- Arabian horses*   \$30.95   Biotechnology   LARV_ABEL   Lawsonia intracellularis AD ELISA   \$26.45   Serology   LINAP_QPCR   Lawsonia intracellularis QPCR*   10 Samples   Quote Required   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 10 Samples   Quote Required   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 23-87 samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 88 + samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 88 + samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 88 + samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 88 + samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellularis QPCR* 88 + samples   \$99.05   Molecular Biology   LINAP_QPCR   Lawsonia intracellul	JD_FC_HELQ		\$128.40	Bacteriology
D_CLT_LP	JD CLT LIQ		\$109.90	Bacteriology
JD_AGID   Johne's Disease (Ovine/Caprine) AGID   \$16.55   Serology		•		
ID_CF	-			
Various         Johne's Disease ELISA         \$13.80         Serology           JD_MS_EL_ID         Johne's Disease (Multispecies) ELISA         \$13.60         Serology           N/A         Johne's Disease High Throughput PCR- Refer to "H"         N/A         Molecular Biology           JD_SUB_LIQ         Johne's Disease Subculture*         \$39.30         Bacteriology           LARVAL_DIFF         Larval Differentiation- In parallel with FEC (FEC charged separately)         \$34.65         Parasitology           LARVAL_DO         Larval Diff only         \$46.60         Parasitology           LARV_DIF_H         Laval Differentiation for Horse Worm Test (FEC charged separately)         \$34.65         Parasitology           LFSR_PCR         Lavender Foal Syndrome- Arabian horses*         \$30.95         Biotechnology           LEFS_PCR         Lavender Foal Syndrome- Arabian horses*         \$30.95         Biotechnology           LAW_ABEL         Lawsonia intracellularis AD ELISA         \$26.45         Serology           LINT_PCR         Lawsonia intracellularis AD ELISA         \$26.45         Serology           LINAP_QPCR         Lawsonia intracellularis QPCR* <10 Samples	_		-	
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	L_IVAN_PCR	Listeria ivanovii PCR*	\$95.40	Molecular Biology



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ANALYSIS ID	TEST NAME	PRICE	LABORATORY
L_MONO_PCR	Listeria monocytogenes PCR*	\$95.40	Molecular Biology
LIST_CULT	Listeria spp- Selective Culture	\$71.65	Bacteriology
Various	Liver Fluke- Refer to F for "Fluke (Liver)" testing	\$36.20	Parasitology
SNAIL_ID	Liver fluke snail identification	\$74.05	Parasitology
F_LUNGWORM	Lungworm Test (Baermann)	\$53.20	Parasitology
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MSD_PCR	Male-Specific PCR (Freemartinism)* (DNA Extraction fee also applies)	\$30.95	Biotechnology
MCFV_RTPCR	Malignant Catarrhal Fever Virus Real Time PCR*	\$93.55	Virology
MHAEM_QPCR	Mannheimia haemolytica qPCR*	\$88.60	Molecular Biology
MSUDRH_PCR	Maple Syrup Urine Disease in Poll Herefords	\$30.95	Biotechnology
MSUDRS_PCR	Maple Syrup Urine Disease in Poll Shorthorns*	\$42.65	Biotechnology
MILK_CLT	Mastitis culture- milk	\$30.40	Bacteriology
MILK_CL_ID	Mastitis- Identification of bacterial isolate from mastitis culture	\$52.00	Bacteriology
SEN_P_MAST SEN_N_MAST	Mastitis Antibiotic Sensitivity- Gram positive and Negative	\$21.35	Bacteriology
MEN_VN	Menangle Virus Neutralisation Test (VNT)*	\$48.10	Virology
Various	Microscopy smear- prepare and examine	\$29.90	Bacteriology
MPBLR_PCR	Milk Protein beta-Lactoglobulin PCR (Dairy Breeds)*	\$42.65	Biotechnology
MPKCR_PCR	Milk Protein kappa-Casein PCR (Dairy Breeds)*	\$30.95	Biotechnology
MVE_PCR	Murray Valley Encephalitis qRT-PCR*	\$93.55	Virology
MVE_ABEL	Murray Valley Encephalitis Virus Antibody ELISA*	\$13.55	Virology
MYCO_DIR	Mycoplasma sp direct culture (Diagnostic samples)	\$58.60	Bacteriology
MYCO_INDIR	Mycoplasma sp indirect culture (28 day)	\$355.30	Bacteriology
MYCOB_QPCR	Mycoplasma bovis qPCR (Non-export)*	\$88.60	Molecular Biology
MBOVNZ_PCR	Mycoplasma bovis Rosetti Real Time PCR (for export to New Zealand)- To meet MPI NZ standards, the lab tests in duplicate for each animal= 2 x \$88.60 ex GST.  Total= \$177.20 ex GST per animal*	\$177.20 (Duplicate testing- 2 x \$88.60)	Molecular Biology
MCCP_QPCR	Mycoplasma capricolum subsp. capripneumoniae q PCR*	\$88.60	Molecular Biology
MYCGS_QPCR	Mycoplasma gallisepticum/Mycoplasma synoviae duplex*	\$95.40	Molecular Biology
M_HYO_ABEL	Mycoplasma hyopneumoniae Antibody ELISA	\$20.75	Serology
M_HYO_PCR	Mycoplasma hyopneumoniae qPCR*	\$88.60	Molecular Biology
MYCO_MEL	Mycoplasma meleagridis qPCR *	\$88.60	Molecular Biology
MOVIP_QPCR	Mycoplasma ovipneumoniae qPCR*	\$88.60	Molecular Biology
MYCO_O_PCR	Mycoplasma ovis qPCR*	\$88.60	Molecular Biology
MYCO_RTPCR	Mycoplasma sp. qPCR*	\$88.60	Molecular Biology
MYOPR_PCR	Myophosphorylase Deficiency- Charolais PCR	\$30.95	Biotechnology
MYOSTR_PCR	Myostatin Gene C313Y (Double-Muscling)*	\$42.65	Biotechnology
MY821R_PCR	Myostatin Gene nt821 del11 (Double-Muscling)*	\$30.95	Biotechnology
MYO_GOAT	Myotonia Congenita*	\$42.65	Biotechnology



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ANALYSIS ID	TEST NAME	PRICE	LABORATORY
PEST_SK_SE	Pestivirus antigen capture ELISA - PACE - (BVD) -	\$17.50	Virology
	serum/skin 1-9 samples	¥=1.00	
PEST_SK_SE	Pestivirus antigen capture ELISA - PACE - (BVD) - serum/skin 10-19 samples	\$12.85	Virology
	Pestivirus antigen capture ELISA - PACE - (BVD) -	Ć44 00	
PEST_SK_SE	serum/skin 20+ samples	\$11.00	Virology
DI TECT	Pestivirus PI Test® for Bovine Viral Diarrhoea Virus	¢17.50	Vinalage
PI_TEST	(BVDV) 1-9 samples	\$17.50	Virology
PI_TEST	Pestivirus PI Test® for Bovine Viral Diarrhoea Virus	\$12.85	Virology
11_1231	(BVDV) 10-19 samples		VIIOIOGY
PI_TEST	Pestivirus PI Test® for Bovine Viral Diarrhoea Virus	\$11.00	Virology
	(BVDV) 20+ samples		
PEST2_VI	Pestivirus Isolation (2 passes) (BVD)	\$109.90	Virology
PEST3_VI	Pestivirus Isolation (3 passes) (BVD)	\$151.95	Virology
PEST_RTPCR	Pestivirus Real Time PCR	\$93.55	Virology
PEST_VN	Pestivirus (BVD) Virus Neutralisation Test (VNT)	\$48.10	Virology
PH_FLUIDS	pH at 25 Degrees Celsius (fluids)*	\$13.30	Serology
B_HYO_PCR	Pig Enteric PCR (Brachyspira hyodysenteriae PCR)*	\$88.60	Molecular Biology
B_PILO_PCR	Pig Enteric PCR (Brachyspira pilosicoli PCR)*	\$88.60	Molecular Biology
L_INT_PCR	Pig Enteric PCR (Lawsonia intracellularis)*	\$95.40	Molecular Biology
MUL_PE_PCR	Pig Enteric PCR (B hyodysenteriae; B pilosicoli; L intracellularis) *	\$134.60	Molecular Biology
DDACHV DCD	Pig Enteric PCR (Brachyspira hyodysenteriae and	\$95.40	Malagular Dialagu
BRACHY_PCR	pilosicoli multiplex)*	700110	Molecular Biology
PPMV1_PCR	Pigeon Paramyxovirus Real Time PCR*	\$93.55	Virology
ROTAP_PCR	Pigeon Rotavirus Real-Time PCR*	\$93.55	Virology
PIN_HORSE	Pinworm - Horse*	\$36.25	Parasitology
BA_ANT_SS	PMB stain for Bacillus anthracis	\$29.90	Bacteriology
E7R_PCR	Pompes Disease E7 mutation in Brahmans	\$30.95	Biotechnology
E13R_PCR	Pompes Disease E13 mutation in Brahmans*	\$30.95	Biotechnology
E18R_PCR	Pompes Disease E18 mutation in Shorthorns*	\$42.65	Biotechnology
PCV2_RTPCR	Porcine Circovirus Type 2 (PCV2) Real Time PCR	\$93.55	Virology
PCV3 RTPCR	Porcine Circovirus Type 3 (PCV3) Real Time PCR*	\$93.55	Virology
PPV_RT_PCR	Porcine Parvovirus Real Time PCR*	\$93.55	Virology
	Poultry Chlamydia Panel* (Includes: C.genus,	¢120.25	
PCHL_QPCR	C.gallinacea & C.psittaci)	\$120.25	Molecular Biology
PROTOR_PCR	Protoporphyria- Limousin	\$30.95	Biotechnology
PICRIC_HCN	Prussic Acid Screen Test*	\$42.85	Serology
PPHA_PCR	Pulmonary Hypoplasia PCR (With Anasarca in Persian sheep*	\$30.95	Biotechnology
	Q, R		,
Q_FEV_CF	Q-Fever (Coxiella burnetii) Complement Fixation Test (CFT)	\$26.30	Serology



### NSW

ANALYSIS ID	TEST NAME	PRICE	LABORATORY
QFMS_EL_ID	Q-fever (Coxiella burnetii) Antibody ELISA (Multi – Species)*	\$15.80	Serology
Q_FEV_ABEL	Q-Fever (Coxiella burnetii) Antibody ELISA (Bovine, Ovine, Caprine)	\$28.50	Serology
QFEV_QPCR	Q-Fever PCR (Coxiella burnetii)*	\$95.40	Molecular Biology
OYSTER_MIC	QX Disease- examination of Impression Smears	\$63.95	Histology
QX_PCR	QX Disease PCR (Marteilia sydneyi)- A Price 1-49*	\$88.60	Molecular Biology
QX_PCR	QX Disease PCR (Marteilia sydneyi)- B Price 50+*	\$62.05	Molecular Biology
RHDV1_ABEL	Rabbit Haemorrhagic Disease virus 1 Antibody ELISA	\$13.55	Virology
RHDV1_AGEL	Rabbit Haemorrhagic Disease virus 1 Antigen Capture ELISA	\$13.55	Virology
RHDV1_RTPCR	Rabbit Haemorrhagic Disease virus 1 Real Time PCR*	\$93.55	Virology
RHDV2_RTPCR	Rabbit Haemorrhagic Disease virus 2 Real Time PCR*	\$93.55	Virology
FECRT_CALC	Resistance Test - FECRT 4 Groups (with Culture)	\$588.04	Parasitology
TBA	Resistance Test - FECRT Single Group (with Culture)	\$141.15	Parasitology
RSV_ABEL	Respiratory Syncytial Virus antibody ELISA	\$28.85	Virology
RR_VN	Ross River Virus Neutralisation Test (VNT)	\$48.10	Virology
ROTA_PCR	Rotavirus Real Time PCR*	\$93.55	Virology
ROTAP_PCR	Rotavirus (Pigeon) Real-Time PCR*	\$93.55	Virology
AER_CLT	Routine Aerobic culture	\$48.15	Bacteriology
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SA_DUB_SA	Salmonella dublin SAT	\$17.75	Serology
SALM_EQPCR	Salmonella Enteriditis qPCR*	\$76.35	Molecular Biology
SALM_GQPCR	Salmonella Gallinarum PCR*	\$285.00	Molecular Biology
SA_GPD_ABE	Salmonella Group D Antibody ELISA*	\$25.35	Serology
SALM_MULTI	Salmonella PCR Multiplex- Salmonella Group D and Salmonella Enteritidis*	\$127.45	Molecular Biology
SALM_PQPCR	Salmonella Pullorum PCR*	\$285.00	Molecular Biology
SALM_DQPCR	Salmonella serogroup D qPCR*	\$76.35	Molecular Biology
SALM_QPCR	Salmonella spp. qPCR*	\$76.35	Molecular Biology
SALM_CLT	Salmonella Selective Culture	\$71.65	Bacteriology
SA_TYP_SA	Salmonella typhimurium SAT	\$17.75	Serology
SER_PROT	Serum Protein (Clinical refractometer)*	\$2.50	Serology
SIM_I_ABEL	Simbu Indirect Antibody ELISA	\$15.00	Virology
SPEC_GRAV	Specific Gravity (Urine)*(clinical refractometer)	\$2.50	Serology
SB3RW_PCR	Spherocytosis in Wagyu (B3)*	\$30.95	Biotechnology
SEQUI_CULT	Streptococcus equi subsp. equi Selective Culture	\$71.65	Bacteriology
S_EQUI_PCR	Streptococcus equi subsp. equi PCR*	\$95.40	Molecular Biology
S_INI_PCR	Streptococcus iniae PCR*	\$95.40	Molecular Biology
S_SUIS_PCR	Streptococcus suis PCR*	\$95.40	Molecular Biology
	T, U, V		
TAYEQ_QPCR	Taylorella equigenitalis qPCR*	\$285.00	Molecular Biology
TEQUI_QPCR	Theileria equi qPCR*	\$285.00	Molecular Biology



### NSW

ANALYSIS ID	TEST NAME	PRICE	LABORATORY
TMPSP_PCR	Theileria orientalis qPCR*	\$68.95	Molecular Biology
TFEV_QPCR	Tick Fever qPCR (Includes B. bovis, B. bigemina and A. marginale)*	\$216.85	Molecular Biology
TICK_C_EXM	Tick Identification (Simple single parasite identification)	\$74.05	Parasitology
TOX_LAT	Toxoplasma Latex Test	\$14.35	Serology
TRICH_NIP	Tritrichomonas foetus culture	\$45.35	Bacteriology
TFOET_QPCR	Tritrichomonas foetus qPCR*	\$88.60	Molecular Biology
TRICHO_PCR	Trichomonas PCR*	\$95.40	Molecular Biology
A_PYO_PCR	Trueperella pyogenes PCR*	\$95.40	Molecular Biology
URINE_EXAM	Urine Analysis (Medi-Test Combi 9 Dipstick) *	\$14.95	Serology
VMITE_QPCR	Varroa destructor qPCR*	\$88.60	Molecular Biology
VARIOUS	Virus Isolation - (3, 4, 5 passes)	Contact CSU	Virology
N/A	Virus Isolation - Cell Culture (Additional Passes)	\$79.85	Virology
	W, X, Y, Z		
WNV_B_ABEL	West Nile Virus Blocking ELISA*	\$13.55	Virology
WNV_ABEL_M	West Nile Virus IgM ELISA	\$26.75	Virology
WNV_PCR	West Nile virus Real Time PCR*	\$93.55	Virology
WET_PREP	Wet Preparation & Microscopic Examination	\$17.30	Parasitology
MICRO_EXAM	Wet Preparation & examination	\$29.90	Bacteriology
WSSV_PCR	White Spot Syndrome Virus (WSSV)- RT-PCR	\$112.10	Virology
N/A	Worm Count - Total - (Cattle)	On request	Parasitology
N/A	Worm Count - Total - (Sheep)	On request	Parasitology
WC_ALQT_AB	Worm Count for Aliquot from Abomasum	\$190.10	Parasitology
Various	Worm Test Individual - Egg Count (Up to 10 samples)	\$65.55	Parasitology
Various	Worm Test Pooled - Egg Count (2 pools of 5 samples)	\$40.55	Parasitology
LARVAL_DIFF	Worm Typing- Larval Differentiation- In parallel with FEC (FEC charged separately)	\$34.65	Parasitology
LARVAL_DO	Worm Typing- Larval Diff only	\$46.60	Parasitology
LARV_DIF_H	Worm Typing- Larval Differentiation for Horse Worm Test (FEC charged separately)	\$34.65	Parasitology
YERS_CLT	Yersinia spp culture	\$39.85	Bacteriology
YHV_PCR	Yellow Head Virus (YHV) Real Time PCR	\$112.10	Virology