

REGIONAL LABORATORY SERVICES

Animal Health, Agricultural and Environmental
Testing Services

PRICE LIST

ANIMAL HEALTH TESTING

Effective 22 February 2019

(All prices GST Exclusive)

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NATA accredited laboratory number 14255

Accredited for compliance with ISO/IEC 17025

REGIONAL LABORATORY SERVICES

RUMINANT BIOCHEMISTRY PROFILES

Test name	Minimum sample requested	Container	1st sample fee	Add'l sample* fee
EYE FLUID BASIC PROFILE: <i>Ca, Mg, BHB, Gluc, Urea, Nitrate, Nitrite (semi quant NO₃/NO₂)</i>	0.3mL Aq. Hum	Plain	37.00	32.00
RUMINANT GENERAL PROFILE: <i>GGT, GLDH, AST, Bil, Alb, Prot, Glob, A/G Ratio, Urea, Creat, CK, Urea/Creat Ratio, Ca, Mg, P, BHB, Haptoglobin</i>	0.5mL Serum/Plasma	Plain/Li.Hep	55.00	45.00
RUMINANT LIVER ENZYMES PROFILE: <i>GGT, GLDH, AST, CK, Bil, Alb, Prot, Glob, A/G Ratio, Haptoglobin</i>	0.5mL Serum/Plasma	Plain/Li.Hep/ EDTA	37.00	32.00
RUMINANT LIVER FUNCTION PROFILE (+ BILE ACIDS): <i>GGT, GLDH, AST, CK, Bil, Alb, Prot, Glob, A/G Ratio, Haptoglobin, Bile Acids</i>	0.5mL Serum/Plasma	Plain/Li.Hep/ EDTA	55.00	45.00
RUMINANT DOWNER PROFILE: <i>Ca, Mg, P, BHB, CK, Prot, Alb, Glob, A/G Ratio, Haptoglobin</i>	0.5mL Serum/Plasma	Plain/Li.Hep	37.00	32.00
RUMINANT PARASITE PROFILE: <i>GGT, GLDH, AST, CK, Prot, Alb, Glob, A/G Ratio, Pepsinogen, Haptoglobin</i>	1 mL Serum/Plasma	Plain/Li.Hep/ EDTA	60.00	50.00
RUMINANT ILLTHRIFT PROFILE: <i>GGT, GLDH, AST, CK, Prot, Alb, Glob, A/G Ratio, Pepsinogen, Cu, Glutathione Peroxidase, Vit B12, Haptoglobin</i>	1.5mL Serum/Plasma + Li.Hep or EDTA red cells	Plain + Li.Hep or EDTA	100.00	85.00
RUMINANT MINERAL PLUS PROFILE: <i>Cu, Zn, Glutathione Peroxidase, Vit B12, Ca, Mg, P, SO₄, BHB, GGT, GLDH, AST, CK, Prot, Alb, Glob, A/G Ratio, Pepsinogen, Urea, Creatinine, Haptoglobin</i>	1.5mL Serum/Plasma + Li.Hep red cells	Plain + Li.Hep	130.00	110.00
TRACE MINERALS PROFILE (BLOOD): <i>Cu, Glutathione Peroxidase, Vit B12</i>	1.0mL Serum/Plasma + Li.Hep or EDTA red cells	Plain + Li.Hep or EDTA	65.00	55.00
TRACE MINERALS PROFILE + Zinc (BLOOD): <i>Cu, Glutathione Peroxidase, Vit B12, Zn</i>	1.0mL Serum/Plasma + Li.Hep red cells	Plain + Li.Hep (EDTA may contaminate)	80.00	70.00
TRACE MINERALS PROFILE (LIVER): <i>Liver Cu, Glutathione Peroxidase, Vit B12</i>	0.5g Fresh Liver	Refer to 'Sample Requirements' section of this Price List for suitable sample container size	95.00	75.00
TRACE MINERALS PROFILE + Zinc (LIVER): <i>Liver Cu, Glutathione Peroxidase, Vit B12, Zn</i>	0.5g Fresh Liver		115.00	95.00
TRACE MINERALS PROFILE + Zinc + Manganese (LIVER): <i>Liver Cu, Glutathione Peroxidase, Vit B12, Zn, Mn</i>	1.0g Fresh Liver		140.00	120.00

REGIONAL LABORATORY SERVICES

NON – RUMINANT BIOCHEMISTRY PROFILES:

Test name	Minimum sample requested	Container	1st sample fee	Add'l sample fee
CANINE PROFILE GGT, AP, AST, ALT, Bil, Amylase, Alb, Prot, Glob, A/G Ratio, CK, Urea, Creat, /Creat Ratio, Ca, P, Cholesterol, Haptoglobin	0.5mL Serum/ Li.Hep plasma	Plain/Li.Hep	60.00	50.00
FELINE PROFILE: GGT, AP, AST, ALT, Bil, Alb, Prot, Glob, A/G Ratio, CK, Urea, Creat, Urea/Creat Ratio, Ca, P, Cholesterol, Haptoglobin	0.5mL Serum / Li.Hep Plasma	Plain/Li.Hep	55.00	45.00
EQUINE GENERAL PROFILE: GGT, AP, GLDH, Bil, Alb, Prot, Glob, A/G Ratio, Urea, Creat, Urea/Creat Ratio, AST, CK, Ca, Mg, P, Haptoglobin	0.5mL Serum / Li.Hep Plasma	Plain/Li.Hep	55.00	45.00
EQUINE RACING PROFILE: GGT, AP, GLDH, Bil, Alb, Prot, Glob, A/G Ratio, Urea, Creat, Urea/Creat Ratio, AST, CK, Ca, Mg, P, Na, K, CL, CO ₂ , Anion Gap, Haptoglobin	Full 7mL Li.Hep or clotted blood	Plain/Li.Hep	80.00	65.00
ELECTROLYTE PROFILE: Na, K, CL, CO ₂ , Anion Gap	Full 7mL Li.Hep or clotted blood	Plain/Li.Hep	30.00	25.00
ELECTROLYTE PROFILE ADDITIONAL TO BIOCHEM PROFILE:	Full 7mL Li.Hep or clotted blood	Plain/Li.Hep	25.00	20.00
URINALYSIS PROFILE: Specific gravity, Dipstick Semiquant. Analysis, Microscopic Sediment Examination	5mL Fresh Urine	Yellow top	45.00	40.00

HAEMATOLOGY PROFILES:

Test name	Minimum sample requested	Container	1st sample fee	Add'l sample fee
FULL HAEMOGRAM (FBC): PCV, RBC, Hb, MCH, MCV, MCHC, WBC, WBC Differential (from blood smear), Smear evaluation, Protein, Fibrinogen(Bovines, Equines)	Full 2mL or 7mL Tube	EDTA/Li.Hep	50.00	45.00
FULL HAEMOGRAM (FBC) ADDITIONAL TO BIOCHEM PROFILE:	Full 2mL or 7mL Tube	EDTA/Li.Hep	45.00	40.00
MINIGRAM: PCV, RBC, Hb, MCH, MCV, MCHC, WBC, Protein	Full 2mL or 7mL Tube	EDTA/Li.Hep	35.00	30.00
MINIGRAM ADDITIONAL TO BIOCHEM PROFILE	Full 2mL or 7mL Tube	EDTA/Li.Hep	30.00	25.00
SMEAR EVALUATION:		EDTA/LiHep/Blood Smear	25.00	20.00

REGIONAL LABORATORY SERVICES

INDIVIDUAL BIOCHEMISTRY TESTS (BLOODS/EYE FLUIDS):

<i>Test name</i>	<i>Minimum sample requested</i>	<i>Container</i>	<i>1st sample fee</i>	<i>Add'l sample fee</i>
INDIVIDUAL BIOCHEM ANALYTES: <i>Alb, AP, ALT, Amy, AST, BHB, Bil (Total), Bil (Conj.), Ca, CL, CK, Creat, GGT, GLDH, Gluc, Mg, Phos, Prot, Na, K, Urea; Chole; Haptoglobin</i>	0.5mL Serum/Plasma/ Aq.Hum	Plain/Li.Hep/EDTA (EDTA interferes with Ca/Mg/AP)	12.00	6.00
AMMONIA: Refer to our website for collection requirements	0.5mL Serum/Plasma/ Aq.Hum	Serum/ Li.Hep Plasma/NaHep Plasma	30.00	20.00
BILE ACIDS:	0.5mL Serum/Plasma	Plain/Li.Hep/EDTA	25.00	15.00
CERULOPLASMIN:	0.5mL Serum/Plasma	Plain/Li.Hep	45.00	35.00
COPPER:	1mL Serum/Plasma	Plain/Li.Hep	22.00	17.00
GLUTATHIONE PEROXIDASE:	0.5mL WB	Li.Hep WB/EDTA WB	22.00	17.00
IMMUNOGLOBULINS:	0.5mL Serum	Plain (EDTA + Li.Hep interfere)	30.00	20.00
IRON:	1mL Serum/Plasma	Plain/Li.Hep	30.00	22.00
D-LACTATE:	0.5mL Serum/Plasma/ Aq.Hum	Plain/Li.Hep/EDTA	33.00	22.00
L-LACTATE:	0.5mL Serum/Plasma/ Aq.Hum	Plain/Li.Hep/EDTA	33.00	22.00
LEAD: Additional fee for clotted sample	0.5mL WB	Li.Hep/EDTA	35.00 10.00	25.00 10.00
NEFA:	0.5mL Serum	Plain(EDTA/ Li.Hep may interfere)	120.00	15.00
NITRATE/NITRITE (Semiquant):	0.2mL Serum/Plasma/Aq.Hum	Plain/Li.Hep/EDTA	15.00	10.00
NITRATE/NITRITE (Quantitative):	0.5mL Serum/Plasma/Aq.Hum	Plain/Li.Hep/EDTA	40.00	30.00
PEPSINOGEN:	0.2mL Serum/Plasma	Plain/Li.Hep/EDTA	30.00	25.00
SELENIUM:	3mL WB	Li.Hep/EDTA	55.00	40.00
SULPHATE:	0.5mL Serum	Plain (EDTA/Li.Hep may interfere)	25.00	20.00
T4 (Total):	0.5mL Serum/Plasma	Plain/Li.Hep/EDTA	30.00	25.00
VITAMIN B12:	0.5mL Serum/Plasma	Plain/Li.Hep/EDTA	30.00	25.00
ZINC:	1.0mL Serum/Plasma	Plain/Li.Hep (EDTA may contaminate)	22.00	17.00

BULKING FEES / MINIMUM FEE:

<i>Test name</i>		<i>1st sample fee</i>	<i>Add'l samples</i>
BULKING FEE (Per Bulk):	Note that bulking of samples is not recommended for many of our tests	5.00	5.00
MINIMUM SUBMISSION FEE:		20.00	

REGIONAL LABORATORY SERVICES

INDIVIDUAL BIOCHEMISTRY TESTS (OTHER TISSUES / FLUIDS):

<i>Test name</i>	<i>Minimum sample requested</i>	<i>Container</i>	<i>1st sample fee</i>	<i>Add'l sample fee</i>
CROP CONTENTS CYANIDE: (AVIANS)	10g crop contents	70ml Yellow top	100.00	70.00
LIVER / KIDNEY ARSENIC:	15g fresh/formalin fixed tissue	70ml Yellow top	65.00	50.00
LIVER / KIDNEY COPPER:	5g fresh/formalin fixed tissue (biopsy >100mg)	70ml Yellow top	50.00	40.00
LIVER COPPER (BIOPSY <25mg):	Fresh tissue /formalin fixed biopsy	Refer to 'Sample Requirements' section, this Price List	90.00	70.00
LIVER / KIDNEY IRON:	5g fresh/formalin fixed tissue	70ml Yellow top	65.00	50.00
LIVER / KIDNEY LEAD:	5g fresh/formalin fixed tissue	70ml Yellow top	50.00	40.00
FAECAL LEAD:	5g faeces	70ml Yellow top	65.00	50.00
LIVER MANGANESE:	5g fresh tissue (biopsy >200mg)	70ml Yellow top	50.00	40.00
LIVER GSHPx:	5g fresh tissue (biopsy >100mg)	70ml Yellow top	40.00	30.00
LIVER VITAMIN B12:	5g fresh tissue (biopsy >100mg)	70ml Yellow top	50.00	40.00
LIVER ZINC:	5g fresh tissue (biopsy >100mg)	70ml Yellow top	50.00	40.00
TISSUE SELENIUM:	5g fresh/formalin fixed tissue	70ml Yellow top	70.00	55.00
URINE ALLANTOIN/ CREATININE:	5mL urine	Plain tube/ 70ml Yellow top	70.00	50.00
URINE CALCIUM:	2mL urine	Plain tube/ 70ml Yellow top	15.00	10.00
URINE MAGNESIUM:	2mL urine	Plain tube/ 70ml Yellow top	15.00	10.00
URINE NITRATE (semiquant):	0.2mL urine	Plain tube/ 70ml Yellow top	15.00	10.00
URINE NITRATE (quantitative):	0.5mL urine	Plain tube/ 70ml Yellow top	40.00	30.00
URINE SODIUM:	2mL urine	Plain tube/ 70ml Yellow top	20.00	15.00
MILK UREA:	5mL fresh milk; do not freeze	Plain tube/ 70ml Yellow top	15.00	10.00

PARASITOLOGY:

<i>Test name</i>	<i>Minimum sample requested</i>	<i>Container</i>	<i>1st sample fee</i>	<i>Add'l samples</i>
INDIVIDUAL FAECAL EGG COUNT:	5g fresh faeces	Plastic bag (air excluded)	25.00	10.00
BULKED FAECAL EGG COUNT:	5g fresh faeces per animal	Plastic bag (air excluded)	35.00	25.00

REGIONAL LABORATORY SERVICES

FEED AND WATER TESTING RELATED TO ANIMAL HEALTH

FEED / PASTURE TESTS AND TEST PACKAGES:

<i>Test name:</i>	<i>Minimum sample requested</i>	<i>1st sample fee</i>	<i>Add'l sample fee</i>
FEED DRY WEIGHT:	100g representative sample of feed	25.00	20.00
FEED NITRATE / NITRITE:** (quantitative dry weight) Result expected following working day	200g representative sample of feed or plant whole tops	75.00	55.00
FEED CYANIDE:** (quantitative dry weight) Result expected following working day	200g representative sample of feed or plant whole tops; do not freeze	120.00	90.00
FEED CYANIDE + NITRATE / NITRITE:** (quantitative dry weight) Result expected following working day	200g representative sample of feed or plant whole tops; do not freeze	170.00	125.00
FEED MINERALS + N:*** Total N, P, K, Ca, Mg, Na, Cl, Mn, Cu, Zn, Fe, Nitrate, B, S, Mo, Co, Se (includes calculation of copper availability for ruminants if required)	100g representative sample of feed or plant whole tops	140.00	120.00
FEED ENERGY NIR PACKAGE:*** Dry matter, Moisture, Crude Protein, Acid Detergent Fibre, Neutral Detergent Fibre, Digestibility, Metabolisable energy, Water soluble carbohydrates Note: Additional fees may apply if wet chemistry analysis is required to complete NIR analysis. ** This testing included in current scope of NATA Accreditation *** Some of this testing may be outsourced to other laboratories.	100g representative sample of feed or plant whole tops	60.00	60.00

WATER TESTS / PACKAGES:

<i>Test name:</i>	<i>Minimum sample requested</i>	<i>1st sample fee</i>	<i>Add'l sample fee</i>
ALGAE ID:	100mL water	25.00	20.00
BASIC WATER CHEMISTRY PACKAGE: pH, Electrical Conductivity, Total Soluble Salt, Quantitative Nitrate, Nitrite	500mL water, container filled to exclude air	50.00	40.00
LIVESTOCK WATER CHEMISTRY PACKAGE: pH, Electrical Conductivity, Total Soluble Salts, Calcium, Magnesium, Sulphate, Quantitative Nitrate, Nitrite	500mL water, container filled to exclude air	70.00	60.00
GENERAL WATER CHEMISTRY PACKAGE: pH, Electrical Conductivity, Total Soluble Salts, Calcium, Magnesium, Sulphate, Chloride, Iron, Manganese, Sodium, Hardness, Sodium Adsorption Ratio, Quantitative Nitrate, Nitrite	500mL water, container filled to exclude air	130.00	95.00
E. COLI/COLIFORMS: 35°C and 44°C incubations	500mL water into sterile Sodium Thiosulphate treated bottles. (supplied by Regional Laboratory Services)	65.00	50.00

REGIONAL LABORATORY SERVICES

GENERAL INFORMATION FOR ANIMAL HEALTH TESTING

Regional Laboratory Services is a privately owned Australian registered business, operating since 1995. We provide diagnostic, analytical, research and development services to private individuals, industry and government bodies in the areas of animal health, environmental and agricultural testing. These services are provided to clients through a quality system consistent with NATA and ISO guidelines. Reports to clients are issued with NATA endorsement where testing in the report is consistent with our terms of NATA accreditation.

Hours of Business The laboratory is open to the public from 9:00 am to 5:00 pm Monday and 8:00 am to 5:00 pm Tuesday to Friday. Emergency after hours service are not normally undertaken, unless the laboratory has been notified previously. Any out of hours service will attract a surcharge fee.

Transport of Samples Transport of samples to the laboratory is the responsibility of the client. Samples should be packaged to IATA specifications. Unstable samples or samples requiring constant refrigeration should not be sent on Fridays as they will not be received at the laboratory until the following Monday; couriers do not usually operate outside of capital cities over weekends. To confirm samples are received at the laboratory, we suggest that submitters notify the laboratory (eg. by email/fax) of the transport consignment details, expected receival time and details of relevant person to contact if consignment is not received at expected time. Please contact the laboratory if you require further details.

Sample Submissions / Sample Requirements All samples submitted to the laboratory should be individually identifiable and accompanied by a specimen test request form. Test Request/Sample Submission forms can be downloaded from our website. Note that this form is in Word format to allow for clients to customise their own forms. Please contact the lab if you experience problems in customising this form. Submitters must ensure submission form contains the relevant email address for results/invoice to be sent. General sample requirements for specific tests are indicated in the attached price list. For most blood tests, the volume of serum or whole blood from a 7 mL blood collection tube is sufficient. For urine testing, a 5 mL sample is usually sufficient. Urine samples should be free of faecal contamination. Tissue samples for routine testing should be 10 - 30 g in weight and transported in 50 mL plastic screw top containers.

Liver Biopsy Samples Liver biopsy samples should preferably be greater than 100 mg in weight, particularly if multi-element analysis is required. Small tissue samples should be stored and transported in a suitable size container to minimise evaporative loss from the sample; 'O' ring sealed 1 mL tubes are ideal for biopsy samples and are available on request from RLS. At collection, biopsy samples should be gently rinsed with saline and excess fluid/blood removed via gauze swabs prior to being placed into sample containers. On receipt of biopsies at the laboratory, the entire contents of the container will be assayed, as at this stage we cannot differentiate tissue from tissue exudate/blood/blood clots/saline. Analysis and results for biopsies are normally reported on a wet weight basis.

Reporting of Results The laboratory aims for same day service to clients where possible. Some referred testing (as with some feed mineral testing) or testing requiring extensive sample treatment (such as tissue iron and selenium) may have increased turnaround times. Results for animal health testing can be emailed and / or faxed to the submitter. Results for large submissions are also available in Excel file format for direct incorporation into submitters data bases.

Repeat Testing Where results of testing are questioned by the submitter as not appearing to correlate with the clinical condition, tests will be repeated at no additional charge. This does not apply if initial samples are of poor quality or incorrectly submitted. Samples are held for a minimum of four weeks after testing.

Billing Charges for each submission are listed as a footer on the results report for that submission. Account invoices listing these individual submission charges are sent by email to clients at the end of each month, with payment due within 14 days. Billing is normally to the submitter or their representative company. **We will not bill to third parties** unless prior arrangement for this has been agreed to by us. Payment of accounts is ultimately the responsibility of the submitter. We reserve the right to charge interest and accounting fees on overdue accounts and to alter fees and charges in this price list.