AXIOM
Veterinary Laboratories Ltd

The Quality Clinical Pathology Service

Farm Animal Price Guide 2024/2025

Welcome to the 2024-25 edition of the Axiom Veterinary Laboratories Farm Price Guide, your trusted partner for quality laboratory services.

Our partnership with Finn Pathologists enables us to offer the services of a leading veterinary histology laboratory alongside our comprehensive range of tests. If a specific test or package you need is not listed, please contact us and we will be more than happy to arrange this for you.

Our service includes:

A veterinary team, all of whom have special interests within their particular field, and who consistently offer support, advice and interpretation on an extensive range of test options.

A team of over 120 highly trained, experienced technical and support personnel, who are very willing to answer any questions or queries which you may have.

A quality focused service, which is subject to regular external audits and continually monitored through numerous external quality assessment schemes. The tests we offer and methodologies used are under constant review, to bring you the highest level of service provision.

Thank you for choosing us as your trusted partner in veterinary laboratory services. We look forward to working with you in the upcoming year and contributing to the health and well-being of the animals in your care. If you require any further information on how you can best utilise 'The Quality Clinical Pathology Service' please contact us by phone on **01626 357776** or e-mail: **dsfarm@axiomvetlab.co.uk**

Samantha Weaver
Axiom General Manager

We are accredited by UKAS to the internationally recognised BS EN ISO/IEC 17025:2017 standard for laboratory competence.

UKAS TESTING 9190

For full details of accredited tests please visit: **https://www.ukas.com/wp-content/uploads/schedule_uploads/00002/9190Testing-Multiple.pdf.**

Opinions and interpretations, where included on reports, are outside the scope of UKAS accreditation.

We also offer an extensive range of **Small Animal** and **Equine** testing in separate price lists.
To request a copy of either: call **01626 355655** or email **admin@axiomvetlab.co.uk**

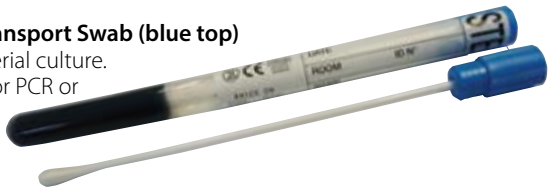
Contents

Swab, Container & Tube Identification

Please use appropriate pots for sample submission – please do not use gloves or bags – we are happy to supply a wide range of consumables - see our website: **www.axiomvetlab.com/consumables**.

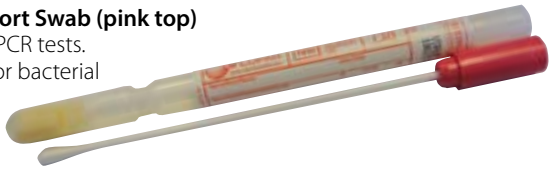
Axiom Swab and Container Identification

Charcoal Transport Swab (blue top)
Use for bacterial culture.
Unsuitable for PCR or virology.



Charcoal Mini Wire Tip Transport Swab (grey top)
Use for bacterial culture of smaller lesions.
Unsuitable for PCR or virology.

Viral Transport Swab (pink top)
Use for viral PCR tests.
Unsuitable for bacterial culture.



Dry Swab (blue top)
Use for PCR tests or fungal culture.
Unsuitable for bacterial culture.

30ml Plain Universal Container (white top)
Use for pus, fluids, washes, tissue samples for bacterial culture.

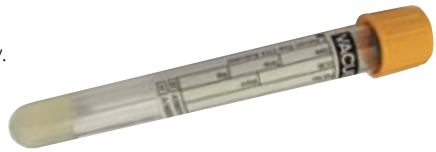
30ml Plain Universal Container (blue top)
Use for small faeces samples.

60ml Plain Universal Container (white top)
Use for larger samples of faeces, pus, fluids, washes, tissue samples.

Histology Pots 20ml, 60ml & 120ml
Contain 10% neutral buffered formalin. Immerse tissues immediately after harvesting at a tissue:formalin ratio of 1:10.

Axiom Blood Vacutainer Identification

Yellow – Serum Gel
Serum gel tubes speed up the processing of samples by reducing manual handling in the laboratory.
They can be used for all serology tests, BVD antigen ELISA and nearly all PCR testing.
They can also be used for many biochemistry tests (see heparin for exceptions).
Allow the sample to clot, then if possible centrifuge to reduce haemolysis.



Green – Heparin
Heparin is an anticoagulant which prevents clotting. Whole heparin blood is required for GSH-Px, lead and MCF PCR. Heparin plasma is the sample of choice for copper and plasma inorganic iodine.
Many other biochemistry tests also can be run on heparin plasma.

Purple – EDTA
EDTA is the best anticoagulant for preservation of cell morphology.
It is therefore the tube of choice for haematology, haemoparasite screens and cytology.
It is also used for fibrinogen. **It is important to fill the vacutainer to the line to provide the right proportion of anticoagulant to blood.**

Tips for Dermatology Sampling

Hair/wool plucks:
Pluck with forceps from the edge of several active lesions.

Skin scrapes:
Scrape deeply the edge of several active lesions. Transfer the material to a plain universal container. DO NOT use liquid paraffin on the scalpel and DO NOT include the scalpel in the pot for health and safety reasons.

Skin swabs:
Swab the edge of an active lesion with a transport swab. If the lesion is dry, moisten the tip of the swab with sterile water (e.g. water for injection).

Telephone: 01626 357776 | dsfarm@axiomvetlab.co.uk

To avoid disappointments and delays...

We recognise that your time is valuable, but in order to provide you with a fast and efficient service, please consider these critical points which will ensure your samples are dealt with promptly:

- Remember to note the **animal ID(s) and farmer's name** on the sample container(s) as well as on our submission form.
- Always try to give a **succinct but relevant clinical history.** The more information we have, the better we can understand the clinical picture and the better the quality of information we can report.
- For any swabs, tissues, fluids or cytology smears please **make a note of the site from which the sample was taken.** Please also annotate any pots containing tissues or fluids with the site the sample was taken from.
- Please ensure that **lids are screwed on tightly –** please do not use sticky tape to secure lids.
- **Check the sample type and volume required** for a specific test and if in doubt call our friendly farm admin team for advice.
- Some advice about sample types:

  If you take serum gel samples for serology, you can't go far wrong - some of the in house ELISA tests are not validated on heparin plasma samples and we will need to refer your samples.

  Serum gel samples are usually the best sample for virology too and this includes BVD – the only exception is MCF PCR where heparin whole blood is needed.

  Some biochemistry tests require heparin whole blood e.g. GSH-Px, lead and manganese.
- **Please double check the test is the right one for the age of the animal,** e.g. BVD Ag ELISA and scour tests.
- Prior to sampling, we advise **contacting the laboratory and speaking to our farm animal advisors to discuss appropriate samples to submit -** this may improve the chances of reaching a conclusive diagnosis.
- **Please tell us what you want us to do with every sample submitted –** we can make an educated guess but we won't always get it right.
- **Please contact the laboratory in advance of submitting large numbers of samples (> 100) for testing,** this will allow us to resource the testing process appropriately providing you with a faster test turn around time.
- **Please also pack tubes in the order that they are identified on the submission sheet** if you wish to have the results presented in the same order with animal IDs rather than tube numbers.

Samples received into the lab that are incorrectly packaged require more time and equipment to process and in some instances present an unnecessary Health and Safety risk to our Lab staff. Examples of incorrectly packaged samples include:

- Samples submitted in rubber gloves rather than the correct sample pots, e.g. faecal samples.
- Non serum gel tubes for clotted blood samples (we would ask you to use serum gel tubes provided by Axiom Laboratories which substantially decrease sample processing time).
- Cases that contain multiple samples from different animals that are either unlabelled or that have been packaged out of the numerical sequence written on the accompanying submission form.
- Where needles have been included in the packaging along with the samples.
- The submission of whole animals and foetuses.

The above list is only an example of scenarios, however where we experience additional time and cost in processing poorly submitted samples we reserve the right to charge an additional fee e.g., for blood samples that fee will be 25p per tube.

Axiom Johne's & Neospora Monitoring Programmes

- Designed for herds that do not require a CHECS status
- Access to discounted test rates **CHEAPER THAN TESTING THROUGH A CHECS HEALTH SCHEME**
- **FAST TURNAROUND TIMES** (typically <3 days for Johne's and Neospora serology)
- **NO MEMBERSHIP FEE** or rules to follow
- No requirement to use 12 digit ear numbers – can use freeze brand numbers or management tags
- Additional tests e.g. IBR, Lepto can be requested on same samples (discounted rates for batches of 10+)
- Copy of the lab report can be e-mailed to farmer as well as vet, if required
- Fully interpreted, easy to understand reports with guidance on Johne's & Neospora control and best practice
- Dairy herds doing rolling/batch dry off screens, in all year round calving herds, can get access to discounted test rates providing minimum of 100 tested each year
- Dairy herds doing batch testing also get results on a **CUMULATIVE SPREADSHEET.** Useful herd management tool

A good time for Johne's and Neospora antibody testing is 1-3 months before the start of calving.

Blood test lab fees for 2024-25 (invoiced through vet practice)

No. of samples submitted in batch	Johne's antibody blood test (TEST CODE)	Neospora antibody blood test (TEST CODE)
40+	**(FJOH40)**	**(FNEO40)**
100+	**(FJOH100)**	**(FNEO100)**
200+	**(FJOH200)**	**(FNEO200)**
Dairy herds doing batch testing (e.g. weekly/fortnightly at drying off)		
100+ samples per year	**(FJD100)**	**(FNEOD100)**
200+ samples per year	**(FJD200)**	

Complete a very simple one page application form that can be submitted at the same time as the blood samples.

Axiom MV/CAE Monitored-Free Scheme

Test/item	Cost (all prices subject to VAT)
Annual membership fee	NIL
MV/CAE antibody **(FMVMF / FCAEMF)**	

- **Affordable flock/herd screening scheme aimed at commercial flocks/herds**
- **Status allows promotion of sheep/goats at sales as being of low risk of having MV/CAE**
- **Detect early incursion of MV/CAE infection**
- **Useful for monitoring commercial sheep flocks on same holding as a MV accredited flock**
- **Infected flocks/herds can join to benefit from reduced test rates**

For further information and forms for sheep and cattle health testing programmes please call our dedicated Farm Support Group at **01626 357776.**

Telephone: 01626 357776 | dsfarm@axiomvetlab.co.uk

Below are some guidelines indicating how our tests can best be used to monitor flock and herd health during the annual production cycles of sheep flocks, beef and dairy herds, in order to support our clients with flock and herd health planning.

a) Flock health testing

Test	What and when to sample
Ruminant mini metabolic profile (FPEW) *Page 10, 11* ***OR*** **Late pregnancy ewe profile (LPEX)** *Page 10, 11*	Test 5 ewes carrying twins and 5 ewes carrying triplets three weeks before lambing
Trace element profile (small ruminants) (FTRS) *Page 10, 11*	Test 5 ewes and 5 lambs in summer/early autumn
Composite worm egg count (FCWEC) *Page 18*	Run 5 composite WECs, each on 10 lambs, during the summer/ autumn, using one as a post drench efficacy check
Cull ewe serology package (select 4 to 6 ewes) (LCULS) *Page 14*	Three to four weeks before lambing

b) Suckler herd health testing

Test	What and when to sample
Trace element profile (cattle) (FTRC) *Page 10, 11*	Test 5 spring born calves/yearlings in summer/early autumn
Youngstock extended serology package (LRLP) *Page 12* ***OR*** **Youngstock serology package (LYS)** *Page 12*	Test 5 9-18 month old animals in autumn/early winter (autumn calving) or mid to late winter (spring calving)
Pre-calving profile (LPCA) *Page 10, 11* ***PLUS*** **Trace element profile (cattle) (FTRC)** *Page 10, 11* ***PLUS*** **Plasma Inorganic Iodine (FPII)** *Page 9*	Test 5 cows in late summer, early autumn (or in late winter for spring calving herds)
Liver fluke antigen ELISA (FFLAG) *Page 18*	Late autumn/winter
Pooled Liver Fluke antigen ELISA (up to 5 animals) (FFLAGP) *Page 18*	Late autumn/winter

c) Dairy herd health testing:

Test	What and when to sample
Trace element profile (cattle) (FTRC) *Page 10, 11*	Test 5 spring born calves/yearlings in summer/early autumn
Youngstock extended serology package (LRLP) *Page 12* **OR** **Youngstock serology package (LYS)** *Page 12*	Test 5 9-18 month old animals in autumn/early winter (autumn calving) or mid to late winter (spring calving)
Pre-calving profile (LPCA) *Page 10, 11*	Close up cows (4-14 days pre-calving)
Liver fluke antigen ELISA (FFLAG) *Page 18*	Late autumn/winter
Pooled Liver Fluke antigen ELISA (up to 5 animals) (FFLAGP) *Page 18*	Late autumn/winter
Total protein to assess colostrum intake (FPROT) *Page 9*	Test 5 calves aged 2-6 days every 2 months
Bulk milk serology package (BMPAC) *Page 13*	Test quarterly
Post calving profile (FPCV) *Page 10, 11*	Test 5 cows 7-14 days post-calving every 2 months

Our Farm Consultants

James Barnett

BSc (Hons), BVSc, MRCVS

James joined the team in March 2013 having worked for 8 years as a Veterinary Investigation Officer in South West England. He was involved in all aspects of farm animal diagnostic work, both pathology and clinical pathology, with a particular focus on cattle, sheep and camelids. He co-authored a number of publications arising from the diagnostic caseload and also managed two of the AHVLA's TB programmes.

Catriona Ritchie

BVMS, MSc, MRCVS

After working in mixed practice Catriona worked in Veterinary Investigation Officer, disease surveillance centre manager and sheep and goat health scheme manager roles at SAC from 2000-2014. Catriona gained an MSc in Livestock Health & Production from the RVC in 2004. She was one of the SAC's four vets involved with cattle health schemes. In 2014 she returned to farm animal practice and also set up a small ruminant fertility company, mainly doing ET and lap AI work. She also continued to work part time as a VIO at SAC until May 2018 when she joined Axiom. Catriona helped with her partner's 350 cow, high yielding, housed dairy herd until it was recently dispersed, due to loss of the local milk field, and she still assists with her family's beef, sheep and arable enterprises.

Alistair Cox

BVMS, MSc, FRCPath, MRCVS

After graduating from the University of Glasgow Veterinary School in 2002 Alistair worked in practice for five years, before undertaking a Horse Trust funded residency in anatomic pathology at the Royal (Dick) School of Veterinary Studies. During his time there he was awarded a Masters degree for work on the pathology of equine dental disease. After completion of the residency, Alistair took up the post of Veterinary pathologist / Veterinary Investigation Officer at SAC Consulting Vet Services, working with a wide range of pathology in farmed and companion animals, including horses. In 2013 he became a fellow of the Royal College of Pathologists.

Katy Hewitson

BVMS, MRCVS

Katy graduated from Glasgow vet school in 2002. After several years in mixed practice in Herefordshire and the Shetland islands, she settled in Aberdeenshire working in farm animal only practice before moving to SAC (now SRUC) to work as a VIO in 2012 . She has come to Axiom after a short career break to take care of her two daughters. Katy is particularly interested in sheep and beef cattle health and disease. In her spare time, she enjoys working as an assistant shepherd on her partner's farm.

Ben Strugnell

BVMS, Cert PM MRCVSW

Ben qualified in 2002 from Edinburgh and spent 5 years in mixed practice before joining the (then) Veterinary Laboratories Agency at Thirsk, where he stayed for 5 years. In 2014 he established Farm Post Mortems Ltd, a carcase based livestock diagnostic service based at a fallen stock collection centre in Durham, servicing North East England. He regularly teaches and demonstrates the gross pathology and diagnostic techniques to vets, students, farmers and allied industries.

Katie Waine

BVSc, MVM, OhD, DipECVP, AFHEA, MRCVS

Katie graduated from Bristol Vet School in 2008 and spent 5 years in mainly mixed and farm animal practice. She completed a PhD at the University of Nottingham's Centre for Evidence-based Veterinary Medicine in 2017, which focused on the use of clinical audit in farm animal veterinary practice. Katie then undertook a residency in anatomic veterinary pathology funded by AHDB and MSD Animal Health, based at the University of Nottingham and Farm Post Mortems Ltd in County Durham. During this time her research focused on the anatomy and pathology of the Texel sheep larynx. In 2020 Katie became a Diplomate of the European College of Veterinary Pathologists, and worked as a Clinical Assistant Professor of Farm Animal Veterinary Pathology at Nottingham Vet School. She Joined Finn Pathologists in 2021.

Nick Woodger

BSc, BVet Med, FRCPath, MRCVS

Nick followed up a BSc in Animal Virology from Edinburgh University with a veterinary degree from the Royal Veterinary College in 1994. He spent five years in general mixed practice in Suffolk before taking up a residency in Veterinary Pathology at Cambridge University Veterinary School. He attained the diploma of the Royal College of Pathologists in small domestic animals in 2002 and then membership of the Royal College of Pathologists in large domestic animals in 2005. Following spells with Finn Pathologists and around nine years with the AHVLA, Nick joined Finn Pathologists and Rest Associates as a diagnostic pathologist in 2007. His special interests include infectious disease, diseases of farmed animals including ruminants and pigs and oncology. He is currently Honorary Secretary of the British Society of Veterinary Pathology.

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Individual Biochemistry Tests

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Please note that where 'heparin blood' is stated we require whole blood NOT just plasma

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
Copper (blood sample)		0.5ml heparin plasma	Same day			**FCU**
Copper (tissue)[R]		5g tissue	Up to 5 days			**FCUT**
GSH-Px[L]		0.5ml heparin blood	Same day			**FGSHP**
Immunoglobulins[R]	ZST (colostral antibody transfer)*	1ml serum	Up to 6 days			**FIMMU**
Iron (blood sample)		0.2ml serum	2 days			**FIRON**
Lead (blood sample)[R]		1ml heparin blood	Up to 3 days			**FPB**
Lead (tissue)[R]	Suspected toxicity	5g kidney (or liver)	Up to 5 days			**FPBT**
Manganese[R]		1ml heparin blood	7 days			**FMANG**
NEFA		0.2ml serum	Same day			**FNEFA**
Pepsinogen[R]		1ml serum or heparin plasma	Up to 6 days			**FPEP**
Inorganic Iodine[R]	Maximum of 6 samples can be pooled	0.5 ml heparin plasma or serum per animal	15 days			**FPII**
Total Protein[L]	Colostral antibody transfer*	0.2ml serum	Same day			**FPROT**
Total T4		0.2ml serum	Same day			**FTT4**
Vitamin A[R]	(protect tube from sunlight)	1ml serum or heparin plasma	8 days			**FVITA**
Vitamin B12	Not suitable for cattle.	0.5ml serum or heparin plasma	Same day			**FB12**
Vitamin E[R]	(protect tube from sunlight)	1ml serum or heparin plasma	8 days			**FVITEFT**
Zinc		0.5ml serum or heparin plasma	Same day			**FZN**
Single Biochemistry Tests	From the list below. These can be requested alone or added on to a profile. Price is per test and multiple price only applies to multiples of the same test.	0.2ml serum	Same day			
Available Biochemistry	Albumin, ALP, ALT, AST, BHB, Bilirubin, Calcium, Chloride, Cholesterol, Creatinine, Creatine Kinase, GGT, GLDH, Globulin, Glucose, Lipase, Magnesium, Phosphate, Potassium, Sodium, Triglycerides & Urea					

***For same day results, we would advise running Total Protein to assess colostral antibody transfer.**

(EDTA tubes should be filled to the line) Haematology

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Code
Haematology Screen	HCT, RBC, Hb, MCV, MCH, MCHC, WBC, platelet count	0.5ml whole EDTA + air dried smear	Same day		**FAHAE**
Comprehensive Haematology	HCT, RBC, Hb, MCV, MCH, MCHC, WBC and differential, platelet count, blood film examination.	0.5ml whole EDTA + air dried smear	Same day		**FHAEM**
Fibrinogen		0.5ml EDTA	Same day		**FFIB**
Haemoparasite screen	Screen for e.g. *Babesia* and Anaplasma (TBF)	0.5ml whole EDTA + air dried smear	Same day		**FHPAR**
Tick Borne Fever	PCR	0.5ml EDTA	5 days		**FTBFP**
Babesia	PCR	0.5ml EDTA	5 days		**FBABP**
WBC differential count		0.5ml whole EDTA + air dried smear	Same day		**FWBCD**
***Mycoplasma haemolamae*[R]**	PCR - Camelid	1ml whole EDTA	Up to 6 Days		**FMYHA**

[L]Suggested Flock and Herd Health Testing - See Page 7 [R] Referral

Profiles

Please note that where 'heparin blood' is stated we require whole blood NOT just plasma.

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Profiles at a glance

Code	FCAM	FDOW	FCALV	FGEN	FILLC	FILLCB	FILLS	FILLSB	FPEW	LPEX	FLEW	LPCA	FPPC	FPCV	FRLIV	FTTEP	FTRS	FTRC
	Camelid Profile	Downer Cow Profile	Calving Cow Profile	General Biochemistry Profile	Ill Thrift Profile (cattle)	Basic Ill Thrift Profile (cattle)	Ill Thrift Profile (small ruminants)	Basic Ill Thrift Profile (small ruminants)	Ruminant Mini Metabolic Profile	Late Pregnancy Ewe Profile[L]	Lambing Ewe Profile	Pre-Calving Profile[L]	Periparturient Cow Profile	Post Calving Profile[L]	Rumnant Liver and Kidney Profile	Liver Trace Element Profile[R]	Trace Element Profile (small ruminants)[L]	Trace Element Profile (cattle)[L]
Albumin	●			●	●	●	●	●	●	●		●		●	●			
AST		●																
B12	●						●	●									●	
BHB	●	●	●	●					●	●	●	●	●	●				
Bilirubin	●																	
Calcium		●	●							●	●		●					
Colbalt																●		
Copper	●				●	●	●	●								●	●	●
CK		●																
Creatinine	●			●											●			
GGT	●			●	●	●	●	●							●			
GLDH	●			●	●	●	●	●							●			
GSH-Px	●				●	●	●	●									●	●
Magnesium		●	●							●	●	●						
Manganese																●		
NEFA	●			●								●	●	●	●			
Pepsinogen					●		●											
Phosphorus		●																
Selenium																●		
Total Protein	●			●	●	●	●	●							●			
Urea	●	●		●	●	●	●	●	●	●		●		●	●			
Price 2024-25																		

[L] Suggested Flock and Herd Health Testing - See Page 7

[R] Referral

Turnaround times are approximate and refer to 'working' days from sample receipt.

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Please note that profiles will be accompanied by an interpretation at the discretion of the veterinary advisor, i.e. where considered relevant.

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
Camelid profile	Albumin, BHB, Bilirubin, Copper, B12, Creatinine, GGT, GLDH, GSH-Px, NEFA, Total Protein, Urea	1ml serum + 1.5ml heparin blood	Same day			**FCAM**
Downer Cow Profile	CK, AST, Urea, BHB, Calcium, Phosphorus, Magnesium	1ml serum	Same day			**FDOW**
Calving Cow Profile	BHB, Calcium, Magnesium	0.5ml serum	Same day			**FCALV**
General Biochemistry Profile	Albumin, BHB, Creatinine, GGT, GLDH, NEFA, Total Protein, Urea	1ml serum	Same day			**FGEN**
Ill thrift Profile (cattle)	Copper, GSH-Px, Pepsinogen, GGT, GLDH, Albumin, Total Protein, Urea	2ml serum + 1.5ml heparin blood	Same day, Pepsinogen: 7 days			**FILLC**
Basic Ill thrift Profile (cattle)	Copper, GSH-Px, GGT, GLDH, Albumin, Total Protein, Urea	0.5ml serum + 1.5ml heparin blood	Same day			**FILLCB**
Ill thrift Profile (small ruminants)	Copper, B12, GSH-Px, Pepsinogen, GGT, GLDH, Albumin, Total Protein, Urea	2ml serum + 1.5ml heparin blood	Same day, Pepsinogen: 7 days			**FILLS**
Basic Ill thrift Profile (small ruminants)	Copper, B12, GSH-Px, GGT, GLDH, Albumin, Total Protein, Urea	1ml serum + 1.5ml heparin blood	Same day			**FILLSB**
Ruminant Mini Metabolic Profile	Albumin, BHB, Urea	0.5ml serum	Same day			**FPEW**
Late Pregnancy Ewe Profile[L]	Albumin, BHB, Calcium, Magnesium, Urea	0.5ml serum	Same day			**LPEX**
Lambing Ewe Profile	BHB, Calcium, Magnesium	0.5ml serum	Same day			**FLEW**
Pre-calving Profile[L]	Albumin, BHB, Magnesium, NEFA, Urea	0.5ml serum	Same day			**LPCA**
Periparturient Cow Profile	BHB, Calcium, NEFA	0.5ml serum	Same day			**FPPC**
Post Calving Profile[L]	Albumin, BHB, NEFA, Urea	0.5ml serum	Same day			**FPCV**
Ruminant Liver and Kidney Profile	Albumin, Creatinine, GGT, GLDH, NEFA, Total Protein, Urea	1ml serum	Same day			**FRLIV**
Liver Trace Element Profile[R]	Copper, Manganese, Cobalt, Selenium	1g tissue	8 days			**FTTEP**
Trace Element Profile (small ruminant)[L]	Copper, B12, GSH-PX	0.5ml serum + 1.5ml heparin blood	Same day			**FTRS**
Trace Element Profile (cattle)[L]	Copper, GSH-PX	1.5ml heparin blood	Same day			**FTRC**

[L]Suggested Flock and Herd Health Testing - See Page 7 [R] Referral

Reproductive Hormone Assays

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Code
Testosterone[R]	Cryptorchid Testing	0.5ml serum	Up to 8 days		**FTEST**
Pregnancy glycoprotein	Pregnancy associated glycoprotein cattle, sheep, goats (>28 days for cattle & goats, >35 days for sheep)	0.5ml serum	6 days		**FBPRE**

Cattle Antibody Testing

At times of increased demand, TATs will be less than those stated

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
Bovine Reproductive Failure Package	IBR, BVD, *Leptospira* MAT[R] & *Neospora*	2ml serum	BVD & Neospora: 3 days, IBR: 6 days, Leptospira: 8 days			**FBRFP**
Bovine Reproductive Failure Package (IBR gE)	IBR gE, BVD, *Leptospira* MAT[R] & *Neospora*	2ml serum	BVD & Neospora: 3 days, IBR gE: 6 days, Leptospira: 8 days			**FBRGP**
Basic Bovine Reproductive Failure Package	IBR & *Neospora*	1ml serum	Neospora: 3 days, IBR: 6 days			**FBBRP**
Respiratory Pathogen Package	RSV, IBR, PI3, BVD & *Mycoplasma bovis*	1ml serum	BVD: 3 days, RSV, IBR, PI3 & Mycoplasma bovis: 6 days			**FBRSP**
Respiratory Pathogen Package (IBR gE)	RSV, IBR gE, PI3, BVD & *Mycoplasma bovis*	1ml serum	BVD: 3 days, RSV, IBR gE, PI3, & Mycoplasma bovis: 6 days			**FBRSPI**
Bovine coronavirus[R]	ELISA	1ml serum	Up to 8 days			**FCORE**
BVD	ELISA	0.5ml serum	3 days			**FBVDA**
IBR	ELISA	0.5ml serum	6 days			**FIBR**
IBR gE marker	ELISA	0.5ml serum	6 days			**FIBRG**
Johne's	ELISA - Not Camelids	0.5ml serum	3 days			**FJELI**
***Leptospira* Hardjo-bovis**	ELISA: test of choice for screening	0.5ml serum	6 days			**FLEPH**
***Leptospira* Hardjo-bovis**[R]	MAT : test of choice for disease investigation	0.5ml serum	8 days			**FLHAR**
Liver Fluke	Bovine ELISA - Not Goats or Camelids	0.5ml serum	6 days			**FLIVF**
Liver Fluke	ELISA (Pooled, max. 10 samples) - Not Goats or Camelids	Minimum of 0.5ml serum per animal	6 days			**FLIVP**
Lungworm[R]	ELISA - Cattle only	1ml serum	8 days			**FLUNG**
Mycoplasma bovis	ELISA	0.5ml serum	6 days			**FMBEL**
Neospora caninum	ELISA	0.5ml serum	3 days			**FNEOS**
PI3	ELISA	0.5ml serum	6 days			**FPI3**
Q fever (*Coxiella burnetii*)	ELISA	1ml serum	6 days			**FQFEV**
RSV	ELISA	0.5ml serum	6 days			**FRSV**
***Salmonella* Dublin**	ELISA	0.5ml serum	6 days			**FSALD**
Schmallenberg virus	ELISA	0.5ml serum	6 days			**FSBV**
Tick Borne Fever	IFAT	0.5ml serum	3 days			**FAPIF**
Youngstock Extended Serology Package[L]	BVD, IBR, *Leptospira*, *Mycoplasma bovis*, PI3, RSV ELISA	2ml serum	BVD: 3 days, IBR, Leptospira, Mycoplasma bovis, PI3 & RSV: 6 days			**LRLP**
Youngstock Serology Package[L]	BVD, IBR, *Leptospira* ELISA	1ml serum	BVD: 3 days, IBR & Leptospira: 6 days			**LYS**

Please see page 6 for Johne's & Neospora discounted herd screening

[L]Suggested Flock and Herd Health Testing - See Page 7 [R] Referral

Bulk and Individual Milk Serology

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Profile	Sample Requirements (in preservative)	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
BVD - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMBVD/MBDV**
IBR - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMIBR/MIBR**
IBR gE marker - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMIBRG/MIBRGE**
Johne's - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMJOH/MJELI**
***Leptospira* Hardjo-bovis - ELISA - bulk/individual milk**	Min 2ml milk	6 days			**BMLHA/MLHA**
Liver Fluke - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMLFU/MLFU**
***Mycoplasma bovis* - ELISA - bulk/individual milk**	Min 2ml milk	6 days			**BMMB/MMB**
***Neospora caninum* - ELISA - bulk/individual milk**	Min 2ml milk	6 days			**BMNEO/MNEO**
***Ostertagia* ELISA - bulk milk only**	Min 2ml milk	8 days			**BMOSTE**
PI3 - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMPI3/MPI3**
Package (BVD, IBR & L. Hardjo-bovis)[L] - ELISA - bulk milk only	Min 6ml milk	6 days			**BMPAC**
Package IBR gE (BVD, IBR gE & L. Hardjo bovis) - ELISA - bulk milk only	Min 6ml milk	6 days			**BMPAC1**
Q fever (*Coxiella burnetii*) - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMQFEV/MQFEV**
RSV - ELISA - bulk/individual milk	Min 2ml milk	6 days			**BMBRSV/MBRSV**
***Salmonella* Dublin - ELISA - bulk/individual milk**	Min 2ml milk	6 days			**BMSALD/MSALD**
Schmallenberg virus[R] - ELISA - bulk milk only	Min 2ml milk	8 days			**BMSBV**

Pre-Purchase Screens

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
Bull pre-purchase screen	BVD antigen ELISA, IBR ELISA, *Leptospira* ELISA, Johne's ELISA	2ml serum	BVD, Johne's & Neospora: 3 days, IBR & Leptospira: 6 days			**FBPUR**
Cow/heifer pre-purchase screen	BVD antigen ELISA, IBR ELISA, *Leptospira* ELISA, Johne's ELISA, *Neospora* ELISA	2ml serum	BVD, Johne's & Neospora: 3 days, IBR & Leptospira: 6 days			**FCPUR**
Ram pre-purchase screen	CLA ELISA, Johne's ELISA, Maedi visna ELISA, Sheep Scab ELISA[R]	1.5ml serum	Johne's: 3 days, MV & CLA: 6 days, Sheep Scab: 8 days			**FBRAM**

[L]Suggested Flock and Herd Health Testing - See Page 7 [R] Referral

Small Ruminant Antibody Tests

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
Small Ruminant Reproductive Failure Package	*Chlamydia abortus* (EAE) ELISA and *Toxoplasma* ELISA	1ml serum	6 days			**FORFP**
Border Disease	ELISA	0.5ml serum	3 days			**FBORD**
Cull Ewe Serology Package[L]	CLA ELISA, Johne's ELISA, Maedi visna ELISA	2ml serum	Johne's: 3 days, MV & CLA: 6 days			**LCULS**
CAE	Goats - ELISA	0.5ml serum	3 days			**FCAE**
***Chlamydia abortus* (EAE)**	ELISA	0.5ml serum	6 days			**FCAB**
Caseous Lymphadenitis (CLA)	ELISA	1ml serum	6 days			**FCLA**
Q fever (*Coxiella burnetii*)	ELISA	1ml serum	6 days			**FQFEV**
Erysipelas[R]	SAT	1ml serum	8 days			**FERYS**
Johne's	ELISA - Not Camelids	0.5ml serum	3 days			**FJELI**
Liver Fluke	Bovine ELISA - Not Goats or Camelids	0.5ml serum	6 days			**FLIVF**
Liver Fluke	ELISA (Pooled, max. 10 samples) - Not Goats or Camelids	Minimum of 0.5ml serum per animal	6 days			**FLIVP**
Louping III[R]	HAIT	1ml serum	8 days			**FLOUP**
Maedi visna	Sheep - ELISA	0.5ml serum	6 days			**FMV**
Maedi visna flock screen	Sheep - ELISA, 12 samples only	12 x 0.5ml serum	6 days			**FMV12**
Sheep Scab[R]	ELISA	0.5ml serum	Up to 8 days			**SSCAB**
Tick Borne Fever	IFAT	0.5ml serum	3 days			**FAPIF**
Toxoplasma	ELISA	0.5ml serum	6 days			**FTOXO**
Schmallenberg virus	ELISA	0.5ml serum	6 days			**FSBV**

Pig and Poultry Serology

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
APP pooled serotypes[R]	ELISA	1ml serum	6 days			**FAPP**
Erysipelas[R]	SAT	1ml serum	8 days			**FERYS**
Infectious Bronchitis[R]	ELISA	0.3ml serum	6 days			**FIBE**
Infectious Laryngotracheitis[R]	ELISA	0.3ml serum	6 days			**FILE**
Leptospira bratislava[R]	MAT	0.5ml serum	8 days			**FLBRA**
Mycoplasma gallisepticum[R]	ELISA	0.3ml serum	6 days			**FMYGA**
Mycoplasma hyopneumoniae[R]	ELISA	1ml serum	Up to 6 days			**FMHYP**
Mycoplasma synoviae[R]	ELISA	0.3ml serum	7 days			**FMYSYE**
PPV[R]	ELISA	1ml serum	8 days			**PRRV**
PRRS[R]	ELISA	1ml serum	8 days			**FPRRS**
Swine Influenza[R]	Serotypes H1N1(195852), Pandemic H1N1,H1N2 and H3N2 (HAIT)	1ml serum	13 days			**FSWIN**
Toxoplasma	ELISA	0.5ml serum	6 days			**FTOXO**

Please see page 6 for MV, CAE and Johne's discounted flock screening

[L]Suggested Flock and Herd Health Testing - See Page 7 [R] Referral

Turnaround times are approximate and refer to 'working' days from sample receipt.

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Please note there is a maximum pool of 3 swabs for any PCR test or panel. An additional extraction cost of £10.60 will apply for each extra swab extracted individually to be added to a pool (above the maximum of 3).

Profile	Description	Sample Requirements	Maximum Turnaround Time	Single Test Price	Mutiple Test Price	Code
BVD Antigen (blood sample)	ELISA - suitable for calves over 30 days old	0.5ml serum	3 days			**FBAG**
BVD Antigen (ear punch sample)	ELISA	1g tissue	3 days			**FBAGE**
Border Disease	PCR (individual blood)	0.5ml serum*	6 days			**FBOPC**
Border Disease	PCR (pooled - up to 10 samples)	0.5ml serum* per animal	6 days		**per indiv. test if positive pools extended**	**FBD10**
Border Disease	PCR (tissue)	1g spleen or thymus	6 days			**FBORT**
Border Disease	PCR (pooled - up to 10 ear punch samples)	1g tissue per animal	6 days			**FBORT10**
Bovine Respiratory Virus Package	RSV, IBR, PI3 by PCR	Nasopharyngeal swabs (Plain or VTM) or 2ml BAL. **Post Mortem:** Tracheal or bronchial swabs (plain or VTM) or 1g lung tissue	5 days			**FBRVP**
Extended Bovine Respiratory Pathogen Package	8 respiratory viral and bacterial pathogens PCR. (IBR, IBRgE, *M.bovis*, *H. somni*, *P. multocida*, *M. haemolytica*, Coronavirus, RSV, PI3).	Plain nasopharyngeal swabs. **Post Mortem:** Plain tracheal swab	3 days			**FRESP**
Extended Bovine Respiratory Pathogen PCR Package	8 respiratory viral and bacterial pathogens PCR. (IBR, IBRgE, *M.bovis*, *H. somni*, *P. multocida*, *M. haemolytica*, Coronavirus, RSV, PI3).	2ml BAL. **Post Mortem:** 1g lung tissue	3 days			**FRESPT**
BVD	PCR (Individual blood sample) e.g. calves under 30 days old	0.5ml serum*. **Post Mortem:** 1g spleen or thymus	6 days			**FBAGB**
BVD	PCR (pooled - up to 10 blood samples)	0.5ml serum* per animal	6 days			**FBAG10**
BVD PI Screen	PCR (pooled - up to 10 ear punch samples)	2 x 1g tissue per animal	6 days			**FBAG10E**
BVD	PCR (pooled - up to 25 blood samples)	0.5ml serum* per animal	6 days			**FBAGP**
BVD	PCR (on bulk milk sample - up to 400 cows contributing)	25ml milk in preservative	6 days			**FBAGM**
BVD	PCR (tissue)	1g spleen or thymus	6 days			**FBAGT**
IBR	PCR	Nasal or ocular swabs (Plain or VTM) or 2ml BAL. **Post Mortem:** Tracheal or bronchial swabs (plain or VTM) or 1g lung tissue	Next day			**FIBPC**
Infectious Bronchitis[R]	PCR	Dry swabs, tissue samples	6 days			**FIBEP**
Infectious Laryngotracheitis[R]	PCR	Dry swabs, tissue samples	6 days			**FILEP**
Influenza A[R]	PCR	Nasal swabs (plain or VTM)	6 days			**FIAP**
MCF[R]	PCR	1ml heparin or EDTA (whole). **Post Mortem:** 1g lymphoid tissue	8 days			**FMCF**
PRRS[R]	PCR	1ml serum, semen, oral fluid, throat swabs. **Post Mortem:** 1g lung or liver	1 day			**FPRRP**

***Please note that heparin plasma samples are not suitable for this test**

For BVDFree tests, there is a database upload fee of 50p per antibody test and per antigen test.

[R] Referral

Scour Packages at a glance

Scour Packages at a glance	Calf Scour Package 1	Calf Scour Package 2	Calf Scour Package 3	Young Ruminant Scour Package	Yearling Ruminant Scour Package	Adult Ruminant Scour Package 1	Adult Ruminant Scour Package 2	Lamb/kid Scour Package 1	Lamb/kid Scour Package 2	Pre-Weaned Pig Scour Package 1	Pre-Weaned Pig Scour Package 1 plus Clostridial Toxins	Pre-Weaned Pig Scour Package 2	Pre-Weaned Pig Scour Package 2 plus Clostridial Toxins	Post-Weaned Pig Scour Package	Post-Weaned Pig Scour Package plus Lawsonia PCR	Finishing Pig Scour Cultures	Poultry scour package
Code	**FSC1**	**FSC2**	**FSC3**	**FSYR**	**FYEAR**	**FSA1**	**FSA2**	**FSL1**	**FSL2**	**FSPP1**	**FSPP1C**	**FSPP2**	**FSPP2C**	**FSPOW**	**FPOWL**	**FSPW**	**FPSP**
Aerobic Culture										●	●	●	●				
Salmonella Culture	●	●	●	●	●	●	●	●	●					●	●	●	●
Yersinia Culture																●	
E.Coli K88										●	●			●	●		
E.Coli K99	●							●		●	●			●	●		
E.Coli F18										●	●			●	●		
E.Coli F41										●	●			●	●		
Crytosporidium	●	●	●					●	●								
C. Perfringens										●	●			●	●		
C. Perfringens Toxin ELISA											●		●				
C. Difficile										●	●			●	●		
Rotavirus	●	●															
Rotavirus PAGE[R]								●	●	●	●	●	●	●	●		
Coronavirus	●	●															
Coccidia & Worm Egg Count			●	●	●							●	●				●
Fluke					●	●	●										
Johne's ELISA						●											
Johne's PCR							●										
Lawsonia PCR															●		
Price 2024-25																	

[R] Referral

Turnaround times are approximate and refer to 'working' days from sample receipt.

Scour Packages

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Faeces samples need to be submitted in rigid containers such as 30ml or 60ml universal containers and NOT in gloves or bags.

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Code
Calf Scour Package 1	For animals aged 1- 5 days : *Salmonella* culture & *E. coli* K99 (*E. coli* culture & sensitivity on positive K99 samples) *Cryptosporidium*, Rotavirus, Coronavirus	10g faeces	*E.coli* K99, *Cryptosporidium*, Rotavirus, Coronavirus: same day, *Salmonella* and *E. coli* culture: Min 2 days		**FSC1**
Calf Scour Package 2	For animals aged 6- 21 days : *Salmonella* culture, *Cryptosporidium*, Rotavirus & Coronavirus	10g faeces	*Cryptosporidium*, Rotavirus, Coronavirus: same day, *Salmonella* culture: Min 2 days		**FSC2**
Calf Scour Package 3	For animals aged 22-35 days : *Cryptosporidium, Salmonella* culture, Coccidia & Worm Egg Count	10g faeces	*Cryptosporidium*: same day, Coccidia & Worm Egg Count: Next day, *Salmonella*: Min 2 days		**FSC3**
Young Ruminant Scour Package	For young cattle 36+ days and sheep/ goats 22+ days : *Salmonella* culture, Coccidia & Worm Egg Count	10g faeces	Coccidia & Worm Egg Count: Next day, *Salmonella*: Min 2 days		**FSYR**
Yearling Ruminant Scour Package	*Salmonella* culture, Fluke, Coccidia & Worm Egg Count	50g faeces	Fluke, Coccidia and Worm Egg Count: Next day, *Salmonella*: Min 2 days		**FYEAR**
Adult Ruminant Scour Package 1	For adult animals : *Salmonella* culture, Fluke, Johne's (by ELISA)	50g faeces + 0.5ml serum	Fluke: Next day, *Salmonella*: Min 2 days, Johne's ELISA: 3 days		**FSA1**
Adult Ruminant Scour Package 2	For adult animals : *Salmonella* culture, Fluke, Johne's (by PCR)	50g faeces	Fluke: Next day, *Salmonella*: Min 2 days, Johne's PCR: 6 days		**FSA2**
Lamb/kid Scour Package 1	For animals aged 1 - 5 days : *Salmonella* & *E. coli* K99 (*E. coli* culture & sensitivity on positive K99 samples) *Cryptosporidium*, Rotavirus[R]	10g faeces	K99, *Cryptosporidium*: same day, *Salmonella* and *E. coli* culture: Min 2 days, Rotavirus: 6 days		**FSL1**
Lamb/kid Scour Package 2	For animals aged 6- 21 days : *Salmonella* culture, *Cryptosporidium* & Rotavirus[R]	10g faeces	*Cryptosporidium*: same day, *Salmonella*: Min 2 days, Rotavirus: 6 days		**FSL2**
Pre-Weaned Pig Scour Package 1	For animals aged 1- 5 days : aerobic culture, *E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile* & Rotavirus[R]	10g faeces	*E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile*: same day, aerobic culture: Min 2 days, Rotavirus: 6 days		**FSPP1**
Pre-Weaned Pig Scour Package 1 plus Clostridial Toxins	For animals aged 1- 5 days : aerobic culture, *E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile,* Rotavirus[R], *C. perfringens* toxin ELISA	12g faeces	*E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile*: same day, *C. perfringens* toxin ELISA: same day, Aerobic culture: Min 2 days, Rotavirus: 6 days		**FSPP1C**
Pre-Weaned Pig Scour Package 2	For animals aged 6- 28 days : aerobic culture, Coccidia & Worm Egg Count & Rotavirus[R]	10g faeces	Coccidia & Worm Egg Count: Next day, Aerobic culture: Min 2 days, Rotavirus: 6 days		**FSPP2**
Pre-Weaned Pig Scour Package 2 plus Clostridial Toxins	For animals aged 6- 28 days : aerobic culture, Coccidia & Worm Egg Count & Rotavirus[R], *C. perfringens* toxin ELISA	12g faeces	*C. perfringens* toxin ELISA: same day, Coccidia & Worm Egg Count: Next day, Aerobic culture: Min 2 days, Rotavirus: 6 days		**FSPP2C**
Post-Weaned Pig Scour Package	For animals aged 4-6 weeks : *E. coli* culture, *E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile*, Rotavirus[R], *Salmonella* culture	10g faeces	*E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile*: same day, *E. coli* culture, *Salmonella* culture: Min 2 days, Rotavirus: 6 days		**FSPOW**
Post-Weaned Pig Scour Package plus Lawsonia PCR	For animals aged 4-6 weeks : *E. coli* culture, *E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile*, Rotavirus[R], *Salmonella* culture, *Lawsonia* PCR	12g faeces	*E. coli* K88, K99, F18, F41, *C. perfringens, C. difficile*: same day, *E. coli* culture, *Salmonella* culture: Min 2 days, *Lawsonia* PCR: 3 days, Rotavirus: 6 days		**FSPOWL**
Finishing Pig Scour Cultures	For animals older than 4-6 weeks : *Salmonella* culture & *Yersinia* culture	5g faeces	Min 2 days		**FSPW**
Poultry scour package	*Salmonella* culture, Coccidia & Worm Egg Count	4g faeces	Coccidia and worm egg count: Next day, *Salmonella* culture: Min 2 days		**FPSP**

***Except where minimum TAT is given.**

[R] Referral

Faeces Testing

Please indicate clearly on the submission form whether you require samples pooling for testing.

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Faeces samples need to be submitted in rigid containers such as 30ml or 60ml universal containers and NOT in gloves or bags.

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Mutiple Test Price	Code
Brachyspira [R]	Culture	2g faeces (exclude air from pot)	Min 15 days	**Negative result:** **Positive result:**		**BRACA**
Brachyspira pilosicoli / hyodysenteriae [R]	PCR	2g faeces / rectal swab	Up to 6 days			**FSWDY**
Coccidia & Worm Egg Count	Microscopy, sensitivity to 50 epg/opg	5g faeces	Next day			**WEC**
Coccidia & Worm Egg Count (Camelids)	Microscopy after sugar flotation, sensitivity to 50 epg/opg	5g faeces	Next day			**WECC**
***Haemonchus contortus* ID** [R]	Peanut agglutinin test	10g faeces	6 days			**FHAEMO**
Please either request a WEC or supply your in-house WEC results before proceeding with *Haemonchus* ID.						
Coccidia oocyst speciation - bovine	Microscopy	5g faeces	Next day			**FCSPB**
Coccidia oocyst speciation - ovine [R]	Microscopy (consider for counts > 1000 opg)	5g faeces	8 days			**FCSPO**
Coccidia oocyst speciation - caprine [R]	Microscopy	5g faeces	8 days			**FCSPG**
Composite Worm Egg Count [L]	Microscopy	10 x 5g faeces	2 days			**FCWEC**
Bovine Coronavirus Antigen	Lateral Immunochromatography	2g faeces	Same day			**FCORO**
***Cryptosporidium* Antigen**	Lateral Immunochromatography	5g faeces	Same day			**FCRYP**
***Escherichia coli* culture**		5g faeces	Min 2 days			**FECOLI**
***E. coli* K88, 987P, F41** [R]	Fimbrial antigen test (price is per antigen)	Bacterial isolate	8 days			**FEFA**
***E. coli* K99 Antigen (*E. coli* culture & sensitivity on positive K99 samples)**	Lateral Immunochromatography	5g faeces	Same day			**FEK99**
***E.coli* virulence typing (pigs)** [R]	PCR	Bacterial isolate	Up to 8 days			**FECT**
Fluke	Rumen + Liver Fluke Microscopy	Full pot - minimum 10g faeces (fresh sample only)	Next day			**FFLU**
Fluke, Coccidia & Worm Egg Count	Microscopy	Full pot - minimum 10g faeces (fresh sample only)	Next day			**FFLWE**
Fluke Antigen [L]	Coproantigen ELISA	2g faeces (fresh sample only)	5 days			**FFLAG**
Pooled Liver Fluke Antigen	Coproantigen ELISA (up to 5 animals)	2g fresh faeces per animal (up to 5 animals)	5 days			**FFLAGP**
Johne's disease	Microscopy	5g faeces	Same day			**FJMIC**
Johne's disease	PCR	5g faeces	6 days			**FJPCR**
Johne's disease	Pooled PCR - SHEEP ONLY	2g faeces per animal. Max. 10 animals per pool **	6 days			**FJPCRSP**
Johne's disease	Pooled PCR - CATTLE ONLY	5g faeces per animal. Max. 5 animals per pool **	6 days			**FJPCRCA**

***Except where minimum TAT is given. ** Choose those most likely to be clinically affected.**

[L] Suggested Flock and Herd Health Testing - See Page 7 [R] Referral

Turnaround times are approximate and refer to 'working' days from sample receipt.

Faeces Testing

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Faeces samples need to be submitted in rigid containers such as 30ml or 60ml universal containers and NOT in gloves or bags.

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Mutiple Test Price	Code
***Lawsonia intracellularis*[R]**	PCR	5g faeces. **Post Mortem:** also Intestinal tissue	3 days			**FLAWS**
Lungworm	Microscopy (Baermanns test)	10g faeces. **Post Mortem:** also 50g lung tissue	Next day			**FFALW**
Porcine scour antigens (E. coli antigens, Rotavirus (type A only), *C. perfringens, C. difficile*)	Lateral Immunochromatography	5g faeces	Same day			**FPECA**
Rotavirus Antigen Test	Lateral Immunochromatography (cattle)	2g faeces	Same day			**FROTA**
Rotavirus Antigen Test[R]	PAGE (sheep, goats, pigs and poultry)	3g faeces	6 days			**FROSP**
***Salmonella* culture**		5g faeces or swab in transport medium. **Post Mortem:** also tissue samples and intestinal contents	Min 2 days			**FFASA**
Salmonella	PCR	2g faeces	3 days			**FSALPCR**
***Salmonella* culture plus *E.coli* K99 (*E. coli* culture & sensitivity on positive K99 samples)**		5g faeces	K99: same day, *Salmonella*: Min 2 days			**FSK99**
Winter Dysentery PCR[R]		7g faeces	Up to 6 days			**FWDSP**

***Except where minimum TAT is given.**

Dermatology

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Code
Skin Microscopy	For fungal elements and ectoparasites	Extensive skin scrapes + some hair/wool	Next day		**HSEX**
***D. congolensis* culture**		Hair pluck + skin scabs	3 days		**DMPHY**
Dermatophyte PCR (Includes Dermatophyte Culture)	Positive/negative for ringworm, not speciated	Hair pluck + skin scrapes	PCR: 3 Days, Dermatophyte culture: 14 days		**FDERMP**
Dermatophyte culture		Hair pluck + skin scrapes	14 days		**FDEM1**
Orf (Parapoxvirus)[R]	PCR	Skin scabs + tissue	15 days		**FPOX**
Ruminant Skin Package 1	Skin Microscopy & Dermatophyte Culture	Hair pluck + skin scrapes	Skin microscopy: Next day, Dermatophyte culture: 14 days		**FSK1**
Ruminant Skin Package 2	Skin Microscopy, Dermatophyte Culture, *D. congolensis* Culture & Aerobic Culture	Hair pluck + skin scrapes + transport swab (skin)	Skin microscopy: Next day, Aerobic culture: Min 2 days, *D. congolensis* culture: 3 days, Dermatophyte culture: 14 days		**FSK2**

***Except where minimum TAT is given.**

There are several other tests that we can access but that aren't in the price guide. Examples include (with the sample required in brackets)**: Freemartin Test** (EDTA)**, Mycoplasma haemollamae PCR** (EDTA)**, Histophilus somni serology** (serum)**, mineral/ash content of bone** (rib)**, urine mineral** (SID) **analysis, Mycoplasma ovipneumoniae serology** (serum)**, serum selenium, tissue vitamins A & E** (liver)**, tissue iodine** (thyroid).

[R] Referral

Microbiology/ Molecular Bacterial Tests

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Mutiple Test Price	Code
Aerobic and Anaerobic (and fungal) culture	Sensitivities for bacteria only	Fluid/transport swab. Post Mortem: also tissue samples	Min 2 days			**FMICR3**
Aerobic (and fungal) culture	Sensitivities for bacteria only	Fluid / transport swab. Post Mortem: also tissue samples	Min 2 days		**from same animal**	**FMICR1**
Anaerobic (and fungal) culture		Fluid / transport swab. Post Mortem: also tissue samples	Min 2 days			**FMICR2**
Bacterial Isolate Identification	Organism identification via MALDI ToF mass spectrometry.	Bacterial Isolate	2 Days			**FMALDI**
Bordetella bronchiseptica	PCR	Plain swab (nose/pharynx) or BAL	4 days			**FBBP**
***Clostridium perfringens* toxins**	Alpha, beta & epsilon ELISA	**Post Mortem:** 2ml small intestinal contents	Next day			**FCLOS**
***Clostridium botulinum*[R]**	C/D toxin ELISA	**Post Mortem:** 2ml small intestinal contents. Please contact lab before submission.	2 weeks			**FCLBO**
***Clostridium chauvoei & septicum*[R]**	FAT	**Post Mortem:** Tissue (affected muscle)	4 days			**FCLFAT**
Bulk milk culture		Bulk milk (in sterile container - no preservative)	Min 2 days			**BMCULN**
Bulk milk culture & sensitivity		Bulk milk (in sterile container - no preservative)	Min 2 days			**BMCUL**
Milk culture		Milk (in sterile container- no preservative)	Min 2 days			**MCULN**
Milk culture & sensitivity		Milk (in sterile container- no preservative)	Min 2 days			**MCUL**
Mastitis PCR[R]	PCR 16 pathogens	Min. 2ml milk in preservative	5 days			**FMASP**
Mycoplasma bovis	PCR	Nasopharyngeal swab or BAL or milk in preservative or joint fluid in plain tube. **Post Mortem:** also 1g lung tissue	3 days			**MYBPC**
***Mycoplasma conjunctivae*[R]**	PCR	Ocular swabs (plain - max. 3 pooled)	11 days			**FMCON**
***Mycoplasma* culture (basic)[R]**		Ovine lung tissue, bovine ocular dry swab, porcine synovial fluid or tissue	14 days			**FMYCB**
***Mycoplasma* culture (extended)[R]**		Bovine, porcine lung tissue	21 days			**FMYCE**
***Mycoplasma gallisepticum*[R]**	PCR	Plain swab, lung tissue	6 days			**FMYGP**
***Mycoplasma hyopneumoniae*[R]**	PCR	EDTA or heparin blood, nasal swab, respiratory tissue. **Post Mortem:** 1g lung	5 days			**FMHPC**
***Mycoplasma synoviae*[R]**	PCR	Plain swab, lung tissue	6 days			**MYSYN**
Sheep Foot Rot PCR - Dichelobacter[R]	PCR	Dry swab in EDTA tube filled to mark with distilled water	10 days			**FSFRD**
Sheep Foot Rot PCR - Treponemes[R]	PCR	Dry swab in EDTA tube filled to mark with distilled water	10 days			**FSFRT**

***Except where minimum TAT is given.**

[R] Referral

Turnaround times are approximate and refer to 'working' days from sample receipt.

Post Mortem Packages

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Code
Cattle Respiratory Post Mortem Package	Aerobic culture, bovine respiratory virus PCR package**, histopathology[R]	Tracheal or bronchial swabs (plain or VTM) or 1g lung tissue + transport swab of lung + small portions of each lung lobe and trachea or bronchus in adequate formalin	Aerobic culture: Min 2 days, Histopathology: 4 days, Respiratory Virus PCR Package: 5 days		**FBRPM**
Cattle Respiratory Post Mortem Package - Extended	Aerobic culture, extended bovine respiratory pathogen PCR package***, histopathology[R]	Tracheal or bronchial swabs (plain or VTM) or 1g lung tissue + transport swab of lung + small portions of each lung lobe and trachea or bronchus in adequate formalin	Aerobic culture: Min 2 days, Histopathology: 4 days, Extended Respiratory Pathogen PCR Package: 3 days		**FBRPME**
Basic Respiratory Post Mortem Package	Aerobic culture and histopathology[R]	Transport swab of lung + small portions of each lung lobe and trachea or bronchus in adequate formalin	Aerobic culture: Min 2 days, Histopathology: 4 days		**FORPM**

*** Except where minimum TAT is given.**

**** IBR, RSV, PI3 viruses**

***** IBR, IBRgE, M. bovis, H. somni, P. multocida, M. haemolytica, Coronavirus, RSV, PI3 viruses**

Histopathology

We encourage contacting the laboratory to discuss submission of appropriate tissues with our pathologists, prior to sampling, as this may improve the chances of reaching a conclusive diagnosis. Please note that exotic species histology charges apply for zoo animal species

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Mutiple Test Price	Code
Histopathology on Post Mortem Samples[R]	Up to 3 tissues	Formalin fixed tissue	4 days		**for each additional tissue**	**FPM01**
OPA Check[R]	Up to 3 pieces of lung	Formalin fixed lung	4 days			**FOPA**
Vasectomy check[R]		Formalin fixed tissue	4 days		**for each additional animal**	**VAS**

*** Except where minimum TAT is given.**

Cytology

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Mutiple Test Price	Code
Cytology (FNA, urine, etc)	Up to 6 slides total, from up to 3 sites	Fluid preferably in EDTA +/- air dried slides	2 days			**FCYT**

*** Except where minimum TAT is given.**

[R] Referral

Cattle Abortions (Please do not send whole foetuses to the laboratory)

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Cattle Abortions at a glance

	CODE	Aerobic & Fungal Culture	Campylobacter Culture	Salmonella Culture	Neospora PCR	Neospora Foetal Fluid Serology	BVD PCR	PCR for 9 Additional Pathogens	BVD Ag ELISA	BVD Foetal Fluid Serology	2024-25 Price
Cattle Abortion Level 1	**FBOVA1**	●		●	●		●				
Cattle Abortion Level 2	**FBOVA2**	●		●		●	●				
Cattle Abortion Level 1b	**FBOVA1B**	●	●	●	●				●	●	
Cattle Abortion Level 2b	**FBOVA2B**	●	●	●		●			●	●	
Ruminant Abortion Screen	**FABORT**				●			●			

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Code
Cattle Abortion Level 1	Aerobic, fungal and *Salmonella* culture, *Neospora* PCR** and BVD PCR	1ml foetal stomach contents + 1g fresh brain + fresh placental cotyledon + 1g fresh spleen or thymus	Aerobic and *Salmonella* culture: Min 2 days, *Neospora* PCR**: 5 days, BVD PCR: 6 days		**FBOVA1**
Cattle Abortion Level 2	Aerobic, fungal and *Salmonella* culture, *Neospora* foetal fluid serology and BVD PCR	1ml foetal stomach contents + 1ml foetal fluid + 1g fresh spleen or thymus	Aerobic, fungal and *Salmonella* culture: Min 2 days, *Neospora* foetal fluid serology: 3 days, BVD PCR: 6 days		**FBOVA2**
Cattle Abortion Level 1b	Aerobic, fungal, *Campylobacter* and *Salmonella* culture, *Neospora* PCR**, BVD Ag ELISA and BVD foetal fluid serology	1ml foetal stomach contents + 1g fresh brain or fresh placental cotyledon + 0.5ml foetal fluid	Aerobic, fungal and *Salmonella* culture: Min 2 days, BVD Ag ELISA, BVD foetal fluid serology: 3 days, *Campylobacter* culture: Min 4 days, *Neospora* PCR**: 5 days		**FBOVA1B**
Cattle Abortion Level 2b	Aerobic, fungal, *Campylobacter* and *Salmonella* culture, *Neospora* foetal fluid serology, BVD Ag ELISA and BVD foetal fluid serology.	1ml foetal stomach contents + 1.5ml foetal fluid	Aerobic, fungal and *Salmonella* culture: Min 2 days, BVD Ag ELISA, BVD and *Neospora* foetal fluid serology: 3 days, *Campylobacter* culture: Min 4 days		**FBOVA2B**
IBR	PCR	1g fresh liver	Next day		**FIBPCR**
Leptospira	PCR	1g fresh liver or kidney	5 days		**FLEPP**
Neospora**	PCR	1g fresh brain +/or fresh placental cotyledon	5 days		**FNEOSP**
***Neospora* Foetal Fluid**	IFAT	1ml foetal fluid	3 days		**FNEOFF**
Q Fever[R]	PCR	Fresh placental cotyledon or foetal fluid	11 days		**QFEVP**
Aerobic, fungal and *Salmonella* culture		1ml foetal stomach contents	Min 2 days		**FSMICR1**
Schmallenberg virus	ELISA	0.5ml foetal fluid	6 days		**FSBVI**
Schmallenberg virus[R]	PCR	1ml serum or 5ml EDTA blood. **Post Mortem:** Placenta or 1g umbilicus, brain or spinal cord	8 days		**FSBVP**

****A positive PCR result only indicates that the foetus is infected with *Neospora* and does not indicate that this is the cause of the abortion. To confirm this requires histopathological examination of foetal heart (interventricular septum) and mid brain.**

***Except where minimum TAT is given.**

[R] Referral

Turnaround times are approximate and refer to 'working' days from sample receipt.

Some tests can be fast tracked for an additional fee. If you require this service, please contact the laboratory for pricing.

Small Ruminant Abortions at a glance

	CODE	Chlamydia abortus (MZN Stain)	Aerobic & Fungal Culture	Campylobacter Culture	Salmonella Culture	Toxoplasma PCR	Toxoplasma Foetal Fluid Serology	PCR for 9 Additional Pathogens	2024-25 Price
Small Ruminant Abortion Level 1 (MZN stain for EAE)	**FOVA1**	●							
Small Ruminant Abortion Level 2a	**FOVA2**		●	●	●	●			
Small Ruminant Abortion Level 2b	**FOVA2B**		●	●	●		●		
Ruminant Abortion Screen	**FABORT**					●		●	

Profile	Description	Sample Requirements	Maximum Turnaround Time*	Single Test Price	Code
Small Ruminant Abortion Level 1 (MZN stain for EAE)	MZN stained placenta impression smear for enzootic abortion (*Chlamydia abortus*)	1g placenta	Same day		**FOVA1**
If Level 1 or *C. abortus* PCR is negative, we would advise progressing to Level 2 - Please see below. PLEASE NOTE: there are two possible Level 2 tests that can be carried out, depending on the samples submitted. PLEASE NOTE THAT LEVEL 2 TESTS DO NOT INCLUDE LEVEL 1 TESTING FOR *CHLAMYDIA ABORTUS*					
Small Ruminant Abortion Level 2a	Aerobic, fungal, *Campylobacter* and *Salmonella* culture and *Toxoplasma* PCR	Foetal stomach contents + fresh (least contaminated) placental cotyledon +/or 1g fresh brain	Aerobic and *Salmonella* culture: Min 2 days, *Campylobacter* culture: Min 4 days and *Toxoplasma* PCR: 5 days		**FOVA2**
Small Ruminant Abortion Level 2b	Aerobic, fungal, *Campylobacter* and *Salmonella* culture and *Toxoplasma* foetal fluid serology	Foetal stomach contents + 1ml foetal fluid (pleural or peritoneal)	Aerobic and *Salmonella* culture: Min 2 days, *Toxoplasma* IFAT: 3 days & *Campylobacter* culture: Min 4 days		**FOVA2B**
***Campylobacter* culture**	Including speciation	0.5ml foetal stomach contents	Min 4 days		**FACAM**
***Chlamydia abortus* (EAE)**	PCR	1g fresh placenta or plain swab from vagina or foetal hair coat	Next day		**FCAP**
Toxoplasma	IFAT	1ml foetal fluid	3 days		**FTOXI**
Toxoplasma	PCR	Fresh placental cotyledon (least contaminated) +/ or 1g fresh brain	5 days		**FTOXP**
Schmallenberg virus	ELISA	0.5ml foetal fluid	6 days		**FSBVI**
NEW* ABORTION PCR PACKAGE SCREEN (Cattle, Sheep, Goats)**					
Ruminant Abortion Screen	Qualitative PCR (*Anaplasma phagocytophilum, Brucella* spp., *Campylobacter fetus, Chlamydophila* spp., *Coxiella burnetii, Leptospira* spp., *Listeria monocytogenes, Neospora caninum, Salmonella* spp. & *Toxoplasma gondii*)	All three of: brain (or uncontaminated cotyledon) & liver (same pot) & foetal stomach contents OR plain vaginal swab & uncontaminated cotyledon	Up to 5 days		**FABORT**
***Except where minimum TAT is given.**					

[R] Referral

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Axiom Terms & Conditions

Axiom Veterinary Laboratories Limited is a company incorporated in England & Wales under company number 02526935 ("**Axiom**, "**We**", "**Our**"). Our registered office is at The Manor House, Brunel Road, Newton Abbot, Devon TQ12 4PB. Our VAT number is 737 1452 35.

Axiom Veterinary Laboratories Limited is a wholly owned subsidiary of CVS (UK) Limited, a company registered in England and Wales under company number 03777473 and whose registered office address is CVS House, Owen Road, Diss, Norfolk, IP22 4ER.

1. Interpretation

1.1 Definitions:

"Axiom" Axiom Veterinary Laboratories Limited a company incorporated in England & Wales under company number 2526935 whose registered office is at The Manor House, Brunel Road, Newton Abbot, Devon TQ12 4PB

"Business Day" a day other than a Saturday, Sunday or public holiday in England, when banks in London are open for business.

"Charges" the charges payable by the Customer for the supply of the Services in accordance with clause 5.

"Commencement Date" has the meaning given in clause 2.2.

"Conditions" these terms and conditions as amended from time to time in accordance with clause 10.4.

"Contract" the contract between Axiom and the Customer for the supply of Services in accordance with these Conditions.

"Control" shall be as defined in section 1124 of the Corporation Tax Act 2010, and the expression **change of control** shall be construed accordingly.

"Customer" the person or firm who purchases Services from Axiom.

"Customer Default" has the meaning set out in clause 4.2.

"Order" the Customer's order for Services in the Customer's purchase order form or the Customer's written acceptance of a quotation by Axiom.

"Services" the laboratory, pathology and diagnostic testing services supplied by Axiom to the Customer

"Turnaround Times" the approximate turnaround times for the Services provided by Axiom.

1.2 A reference to a statute or statutory provision is a reference to it as amended or re-enacted. A reference to a statute or statutory provision includes all subordinate legislation made under that statute or statutory provision.

1.3 Any words following the terms **including**, **include**, **in particular**, **for example** or any similar expression, shall be construed as illustrative shall not limit the sense of the words, description, definition, phrase or term preceding those terms.

1.4 A reference to **writing** or **written** includes fax and email.

2. Basis of contract

2.1 The Order constitutes an offer by the Customer to purchase Services in accordance with these Conditions.

2.2 The Order shall only be deemed to be accepted when Axiom issues written acceptance of the Order at which point and on which date the Contract shall come into existence (**"Commencement Date"**).

2.3 These Conditions apply to the Contract to the exclusion of any other terms that the Customer seeks to impose or incorporate, or which are implied by trade, custom, practice or course of dealing.

2.4 Any quotation given by Axiom shall not constitute an offer, and is only valid for a period of 20 Business Days from its date of issue.

3. Supply of Services

3.1 Axiom shall use all reasonable endeavours to meet any Turnaround Times it has provided in its price list or to the Customer but any such dates shall be estimates only and an approximation. Time shall not be of the essence for performance of the Services.

3.2 Axiom reserves the right to amend the Services if necessary to comply with any applicable law or regulatory requirement.

3.3 The Customer acknowledges that it shall be liable for costs incurred by Axiom in the event of any request to vary or suspend the Services or a request for any additional Services.

3.4 Axiom warrants to the Customer that the Services will be provided using reasonable care and skill.

4. Customer's obligations

4.1 The Customer shall:

4.1.1 ensure that the terms of the Order and any information it provides to Axiom relating to the samples sent for testing are complete and accurate;

4.1.2 co-operate with Axiom in all matters relating to the Services and provide Axiom with such information as Axiom may reasonably require in order to supply the Services, and ensure that such information is complete and accurate in all material respects.

4.2 If Axiom's performance of any of its obligations under the Contract is prevented or delayed by any act or omission by the Customer or failure by the Customer to perform any relevant obligation (**"Customer Default"**):

4.2.1 without limiting or affecting any other right or remedy available to it, Axiom shall have the right to suspend performance of the Services until the Customer remedies the Customer Default, and to rely on the Customer Default to relieve it from the performance of any of its obligations in each case to the extent the Customer Default prevents or delays Axiom's performance of any of its obligations;

4.2.2 Axiom shall not be liable for any costs or losses sustained or incurred by the Customer arising directly or indirectly from Axiom's failure or delay to perform any of its obligations as set out in this clause 4.2; and

4.2.3 the Customer shall reimburse Axiom on written demand for any costs or losses sustained or incurred by Axiom arising directly or indirectly from the Customer Default.

5. Charges and payment

5.1 The Charges for the Services shall be calculated in accordance with Axiom's then price list.

5.2 Axiom may update or alter its price lists, catalogues, sales literature or other documentation relating to the Services (in whatever form and on whatever media) at any time without given notice to the Customer. Any typing, clerical or other error or omission in any catalogue, sales literature, price list, dispatch note, invoice or other documentation or any information issued by Axiom shall be subject to correction without liability on the part of Axiom.

5.3 Unless the Customer has paid for the Services at the point at which their Order is submitted, Axiom shall invoice the Customer on at the end of the month that the submission was recieved.

5.4 The Customer shall pay each invoice submitted by Axiom:

5.4.1 within 30 days of the date of the invoice or in accordance with any credit terms agreed by Axiom and confirmed in writing to the Customer; and

5.4.2 in full and in cleared funds to a bank account nominated in writing by Axiom, and time for payment shall be of the essence of the Contract.

5.5 All amounts payable by the Customer under the Contract are exclusive of amounts in respect of value added tax chargeable from time to time (**"VAT"**). Where any taxable supply for VAT purposes is made under the Contract by Axiom to the Customer, the Customer shall, on receipt of a valid VAT invoice from Axiom, pay to Axiom such additional amounts in respect of VAT as are chargeable on the supply of the Services at the same time as payment is due for the supply of the Services.

5.6 If the Customer fails to make a payment due to Axiom under the Contract by the due date, then, without limiting Axiom's remedies under clause 9, the Customer shall pay interest on the overdue sum from the due date until payment of the overdue sum, whether before or after judgment. Interest under this clause 5.6 will accrue each day at 4% a year above the Bank of England's base rate from time to time.

5.7 All amounts due under the Contract shall be paid in full without any set-off, counterclaim, deduction or withholding (other than any deduction or withholding of tax as required by law).

5.8 In the event that we issue a final demand in respect of overdue invoice(s), an administration charge of £25 will be incurred on the invoice for the following month.

5.9 For clients outside of the United Kingdom, Incoterms for receipt of laboratory submissions are DDP, Incoterms for delivery of material sent from the laboratory (e.g. materials for making submissions, immunotherapy) are DAP.

5.10 Samples received that have not been packaged appropriately or in a safe manner will incur a safe handling charge of £25.

5.11 In the event that we are required to redirect any sample or diagnostic material to a destination that is not our own company, such activities may be subject to a shipping and handling charge. The Customer will be advised where this is applicable.

6. Data protection and data processing

6.1 Axiom shall process the Customer's personal data only in accordance with its Privacy Policy and the Customer's instructions from time to time and at all times in compliance with all applicable laws, enactments, **GDPR** regulations, orders, standards and other similar instruments.

6.2 Axiom may authorise a third party (subcontractor) to process the Personal Data provided that the subcontractor's contract:

6.2.1 is on terms which are substantially the same as those set out in the Contract; and

6.2.2 terminates automatically on termination of the Contract for any reason.

6.3 Axiom warrants that, having regard to the state of technological development and the costs of implementing any measures, it will take appropriate technical and organisational measures against the unauthorised or unlawful processing of personal data and against the accidental loss or destruction of, or damage to, personal data.

7. Limitation of liability

7.1 Nothing in the Contract shall limit or exclude Axiom's liability for:

7.1.1 death or personal injury caused by its negligence, or the negligence of its employees, agents or subcontractors;

7.1.2 fraud or fraudulent misrepresentation; or

7.1.3 breach of the terms implied by section 2 of the Supply of Goods and Services Act 1982 (title and quiet possession) or any other liability which cannot be limited or excluded by applicable law.

7.2 Subject to clause 7.1, Axiom shall not be liable to the Customer, whether in contract, tort (including negligence), for breach of statutory duty, or otherwise, arising under or in connection with the Contract for:

7.2.1 loss of profits;

7.2.2 loss of sales or business;

7.2.3 loss of agreements or contracts;

7.2.4 loss of anticipated savings;

7.2.5 loss of use or corruption of software, data or information;

7.2.6 loss of or damage to goodwill; and any indirect or consequential loss.

7.3 Subject to clause 7.1, Axiom's total liability to the Customer, whether in contract, tort (including negligence), breach of statutory duty, or otherwise, arising under or in connection with the Contract shall be limited to the total Charges paidunder the Contract.

7.4 The terms implied by sections 3 to 5 of the Supply of Goods and Services Act 1982 are, to the fullest extent permitted by law, excluded from the Contract.

7.5 This clause 7 shall survive termination of the Contract.

8. Termination

8.1 Axiom may terminate the Contract with immediate effect by giving written notice to the Customer if:

8.1.1 the Customer commits a material breach (other than one in respect of payment pursuant to clause 8.1.5 below) of any term of the Contract and (if such a breach is remediable) fails to remedy that breach within 30 days of the Customer being notified in writing to do so;

8.1.2 the Customer takes any step or action in connection with its entering administration, provisional liquidation or any composition or arrangement with its creditors (other than in relation to a solvent restructuring), being wound up (whether voluntarily or by order of the court, unless for the purpose of a solvent restructuring), having a receiver appointed to any of its assets or ceasing to carry on business or, if the step or action is taken in another jurisdiction, in connection with any analogous procedure in the relevant jurisdiction;

8.1.3 the Customer suspends, or threatens to suspend, or ceases or threatens to cease to carry on all or a substantial part of its business;

8.1.4 the Customer's financial position deteriorates to such an extent that in Axiom's opinion the Customer's capability to adequately fulfil its obligations under the Contract has been placed in jeopardy.

8.1.5 the Customer fails to pay any amount due under the Contract on the due date for payment; or

8.1.6 there is a change of control of the Customer.

8.2 Without affecting any other right or remedy available to it, Axiom may suspend the supply of Services under the Contract or any other contract between the Customer and Axiom if the Customer fails to pay any amount due under the Contract on the due date for payment, the Customer becomes subject to any of the events listed in clause 8.1.2 to clause 8.1.4, or Axiom reasonably believes that the Customer is about to become subject to any of them.

9. Consequences of termination

9.1 Termination of the Contract shall not affect any rights, remedies, obligations or liabilities of the parties that have accrued up to the date of termination, including the right to claim damages in respect of any breach of the Contract which existed at or before the date of termination.

9.2 Any provision of the Contract that expressly or by implication is intended to come into or continue in force on or after termination of the Contract shall remain in full force and effect.

10. General

10.1 **Force majeure.** Neither party shall be in breach of the Contract nor liable for delay in performing, or failure to perform, any of its obligations under the Contract if such delay or failure result from events, circumstances or causes beyond its reasonable control.

10.2 **Assignment and other dealings.**

10.2.1 Axiom may at any time assign, mortgage, charge, subcontract, delegate, declare a trust over or deal in any other manner with any or all of its rights and obligations under the Contract.

10.2.2 The Customer shall not assign, transfer, mortgage, charge, subcontract, declare a trust over or deal in any other manner with any of its rights and obligations under the Contract.

10.3 **Entire agreement.**

10.3.1 The Contract constitutes the entire agreement between the parties and supersedes and extinguishes all previous agreements, promises, assurances, warranties, representations and understandings between them, whether written or oral, relating to its subject matter.

10.3.2 Each party acknowledges that in entering into the Contract it does not rely on, and shall have no remedies in respect of any statement, representation, assurance or warranty (whether made innocently or negligently) that is not set out in the Contract. Each party agrees that it shall have no claim for innocent or negligent misrepresentation based on any statement in the Contract.

10.3.3 Nothing in this clause shall limit or exclude any liability for fraud.

10.4 **Variation.** Except as set out in these Conditions, no variation of the Contract shall be effective unless it is in writing and signed by the parties (or their authorised representatives).

10.5 **Waiver**. A waiver of any right or remedy under the Contract or by law is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. A failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall not constitute a waiver of that or any other right or remedy, nor shall it prevent or restrict any further exercise of that or any other right or remedy. No single or partial exercise of any right or remedy provided under the Contract or by law shall prevent or restrict the further exercise of that or any other right or remedy.

10.6 **Severance.** If any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable. If such modification is not possible, the relevant provision or part-provision shall be deemed deleted. Any modification to or deletion of a provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.

10.7 **Third party rights.**

10.7.1 Unless it expressly states otherwise, the Contract does not give rise to any rights under the Contracts (Rights of Third Parties) Act 1999 to enforce any term of the Contract.

10.7.2 The rights of the parties to rescind or vary the Contract are not subject to the consent of any other person.

10.8 **Governing law.** The Contract, and any dispute or claim (including non-contractual disputes or claims) arising out of or in connection with it or its subject matter or formation shall be governed by, and construed in accordance with the law of England and Wales.

10.9 **Jurisdiction.** Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim (including non contractual disputes or claims) arising out of or in connection with the Contract or its subject matter or formation.

Axiom Veterinary Laboratories

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Monday to Friday 9.00am - 5.30pm
Saturday 9.00am - 12.00pm

Online Supplies Ordering:
http://www.axiomvetlab.com/Consumables
or call our supplies line on: 01626 355655

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