

## VLS - SERVICES and FEES – JUNE 2022

This document outlines the services and fees offered by the VLS; **VAT is added to all fees stated**. Turnaround is intended from the date of receipt and is working day. For additional details please contact us at [vpadmin@liverpool.ac.uk](mailto:vpadmin@liverpool.ac.uk)

### POST-MORTEM EXAMINATION – WHOLE BODY SUBMISSIONS

<b>DOMESTIC ANIMALS POST MORTEM SERVICE</b>		<b>PRICE GBP £</b>
<i>Prices include gross post mortem examination, histology and bacteriology where required*</i>		<i>ex. VAT</i>
Cats *		250.00
Dogs *		250.00
Horses * (NB price does not include disposal fee )		500.00
Aborted foals **		300.00
Rabbits/Ferrets *		200.00
Small mammals (mouse, rat, hamster, gerbil, guinea pig, etc) *		150.00
Cage birds and poultry *		100.00
Amphibians, reptiles *		100.00
New and Old World monkeys [macaques not accepted]		250.00
Other species – please contact us for prices		POA
<b>FORENSIC POST MORTEM SERVICE</b>		
Forensic post mortem report with photo-documentation (in addition to standard PM fee based on species)		300.00
Veterinary pathologist - expert witness report / second opinion (professional time)		100.00 / hour
<b>POST MORTEM ANCILLARY TESTS</b>		
Diagnostic imaging X-Ray (small and large animal)		50.00
Diagnostic Imaging X-Ray + Imager Report (small animal)		180.00
Diagnostic Imaging CT + Report (small animals)		250.00
Diagnostic Imaging + CT + Report (large animals)		700.00
Immunohistology		See immunohistology cost
Forensic entomology		75.00
Toxicology (external)		200.00
<b>REPORTING TIMES</b>		
<i>Preliminary report: 7 - 10 days; final report: 4 - 6 weeks; legal / insurance cases: up to 2 months. Particularly complex cases may take more time.</i>		
<i>* Price is inclusive of gross post mortem examination, histology and bacteriology as needed. Other examinations (e.g. immunohistochemistry, toxicology) are not included but can be discussed with the Pathologist. Tests are performed at the pathologist's discretion. ** Aborted foal cost includes gross post mortem examination, bacteriology, EHV PCR (submitted external) and histology as needed.</i>		

### CYTOLOGY

TEST	REQUIREMENT	TURNAROUND	PRICE GBP £ <i>ex. VAT</i>
FNA, smears, cytopins etc (up to 3 slides)	air dried smears or fluid	1-2 days	25.00
Grading/scoring (where available in the literature)	air dried smears, fluid or pre-stained slide		15.00

### SURGICAL BIOPSIES - HISTOPATHOLOGY

TEST	REQUIREMENT	TURNAROUND	PRICE GBP £ <i>ex. VAT</i>
Surgical biopsy *	Formalin fixed sample	1-3 days	45.00
RAPID - same day - histology**	Fresh sample in formalin	by 5pm of same day	75.00
Second opinion (block/slide with previous diagnosis)	Pre stained slides / block with previous diagnosis	1-3 days	45.00

Advanced margination ( <i>shaved margins in addition to cardinal point margination. Measurement of cardinal point margins</i> )	Stained margins		20.00***
Decalcification of tissues	Formalin fixed sample	Variable	20.00 ***
<p>* This is intended per tissue sample per animal. Any number of slides from the specimen required for diagnosis is included. This includes routine special stains if needed (excluding oil red orange and silver stains) and grading where available and accepted in literature</p> <p>** Samples need to be received by 11 am or by first post. The report may not be definitive. A final report is sent the next day based on standard processed histology sample.</p> <p>*** In addition to the histology fee</p>			

<b>IMMUNOHISTOLOGY*</b>			
<b>Phenotype tumour markers and infectious agents</b>			
TEST	REQUIREMENT	TURNAROUND	PRICE GBP £ ex. VAT
Tumour phenotype markers and Infectious agents [see list] (per antigen and block)	paraffin block *** / pre-cut slide****	~7 days	18.00
FAST TRACK - 48h - (price in addition to the stains)**	paraffin block *** / pre-cut slide ****	48 hours	70.00
<p>* Immunohistology service is provided with a report on interpretation of the stains. The stained slides are kept by the University; ** Samples need to be received by 1 pm. Report will be sent before 5 pm two working days after receipt (e.g. Receipt: Monday –Report: Wednesday). *** Blocks (preferred option) will be returned in due course – this applies to UK clients only; **** Please send slides in excess: at least 2-3 blank slides in excess on IHC grade slides.</p>			

<b>Prognostic markers</b>			
TEST	REQUIREMENT	TURNAROUND	PRICE GBP £ ex. VAT
Canine oral and dermal melanoma			
Ki 67 score	paraffin block / pre-cut slide	~7 days	50.00
Feline mammary gland carcinoma			
Ki 67 score	paraffin block / pre-cut slide	~7 days	50.00
Canine dermal/subcutaneous mast cell tumour			
Ki 67 score	paraffin block / pre-cut slide	~7 days	50.00
KIT pattern	paraffin block / pre-cut slide	~7 days	50.00
Ki 67 score + KIT pattern	paraffin block / pre-cut slide	~7 days	75.00
Prognostic evaluation of each additional tumour(s) on the same IHC slide/block (same dog):			20.00
<b>Cell pellet immunohistochemistry</b>			
TEST	REQUIREMENT		PRICE GBP £ ex. VAT
IHC in formalin fixed cell pellet per block per marker.	Formalin fixed cell pellet		25.00 per marker
Intra vitam diagnosis of FIP on cell pellet (HE + IHC) **	Fluid/formalin fixed cell pellet		40.00
<p>**We receive native fluid and we can perform cell pellet. Samples of fluid can be also received after a pellet is prepared at source, supernatant removed from tube and formalin added (1/10 ratio). The lab does not perform immunocytochemistry on unstained or pre stained cytology slides. Please contact the lab for further information <a href="mailto:histolab@liverpool.ac.uk">histolab@liverpool.ac.uk</a></p>			

<b>ADDITIONAL TESTS</b>			
<b>MOLECULAR ONCOLOGY</b> - the following tests are available as additional tests to be performed on surgical biopsies and may be suggested by the pathologist on a case by case basis. Tests are submitted to an external laboratory; reporting times may vary.			
TEST	REQUIREMENT	REPORTING TIMES	PRICE GBP £ ex. VAT
Lymphoma clonality test (PARR - PCR) canine and feline	Histo slide	~14 days	180.00
KIT exon mutations (8,9,11,17) canine	Histo slide	~14 days	180.00

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LIVERPOOL

**VETERINARY LABORATORY SERVICES**

**VETERINARY PATHOLOGY**

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