Veterinary Pathology Diagnostic Services

Sydney

THE UNIVERSITY OF SYDNEY

Prices Ex Gst, are valid at time of distribution and subject to change without notice.

The laboratory is open 9-5 Monday to Friday
After hours by request only
Last submissions: 4PM daily for same day turn around.

Test submissions are analyses in-house at the VPDSS Laboratory. If the laboratory is unable to perform the requested test it will be outsourced to an accredited laboratory and the client will be informed.

VPDS Sydney Team

Damien Higgins, Director VPDS, Veterinary Pathologist	damien.higgins@sydney.edu.au	X17130
George Tsoukalas, Technical Manager VPDSS	george.tsoukalas@sydney.edu.au	X13090
Mark Krockenberger, Specialist Veterinary Pathologist	mark.krockenberger@sydney.edu.au	X12023
Shannon Donahoe, Specialist Veterinary Pathologist	shannon.donahoe@sydney.edu.au	X17117
Histopathology Technical Officers	vethvpds@sydney.edu.au	X13188
Molecular Diagnostics Technical Officer	vpds.molecular@sydney.edu.au	X12452
Clinical Pathology Technical Officer	Ignacia.mozas@sydney.edu.au	X17456
Microbiology Technical Officer	michelle.patpat@sydney.edu.au	X17085

With the exception of necropsies, biopsies and cytology, services do not include pathologist interpretation

	Code	Name	Sample Required	Expected Turnaround Time Submissions before 4pm	Biochemistry	Albumin	ALP	ALT	Amylase	Lipase	AST	Total bili	Calcium	Cholesterol	Chloride	Creatinine	Canine CRP	CK	Glucose	Globulin	GGT	Sodium	Phosphate	Potassium	Micro protein	T. Protein	Trigs	Urea	Haematology	PCV	TRP	CBC/FBC with manual diff + smear exam	Machine Cell counts diff platelet etc (Full)	Fibrinogen	Retics	Manual platelets	Endocrinology	T4	Urine	Urinalysis	USG	Dipstick	Microscopy
Combinations	70661	Feline Combination - (FBC/Profile A no Amy or LIP)	EDTA & Serum/Heparin	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day		X	X	X			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X		X	X	X			X	X		X						
	70662	Feline Combination Plus - FBC/Profile A no Amy or LIP + Urine	EDTA & Serum/Heparin			X	X	X			X	X	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X		X	X	X			X	X		X		X	X	X	X
	70663	Canine Combination - (FBC/Profile A + Amy + LIP)	EDTA & Serum/Heparin			X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X			X	X		X					
	70664	Canine Combo Plus- (FBC/Profile A + Amy + LIP + Urinalysis)	EDTA & Serum/Heparin			X	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	X	X		X	X	X			X	X		X		X	X	X	X
	70146	Health Profile (Basic Haem & Biochem, no manual Diff)	EDTA & Serum/Heparin			X	X	X	X Dog	X Dog	X Cat	X	X	X	X	X	X Dog	X	X	X	X Cat	X	X	X	X	X	X	X					X			X								
Haematology	70045	Full Blood Count (inc. Retics)	EDTA	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day																									X	X	X	X	X	X	X								
	70147	Follow-up manual FBC validation	EDTA																										X	X	X	X	X	X	X								
	70046	PCV & TPP billed as one test	EDTA																										X	X	X	X	X	X	X								
	70124	The FIRST test	EDTA																										X	X	X	X	X	X	X								
	70125	EACH Additional Test	EDTA																										X	X	X	X	X	X	X								
	70049	Reticulocyte Count	EDTA																																X									
	70041	Bone marrow - Quantitative assessment	EDTA	Depending on Pathologist availability (24 hours)																																								
	70048	Bone Marrow - quantitative assessment plus histology	EDTA/Core Biopsy Marrow																																								
Biochemistry and Endocrinology	70016	Profile A Non Specific	Heparin/Serum	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day		X	X	X	X	X	X	X	X	X	X	X Dog	X	X	X	X	X	X	X		X	X	X											X							
	70017	Profile B Alimentary	Heparin/Serum				X	X	X	X																		X																
	70021	Profile F Pre Anaesthesia	Heparin/Serum			X	X	X								X				X								X															
	70138	Profile Renal	Heparin/Serum										X			X							X	X				X															
	70054	Profile Kidney	Heparin/Serum			X							X		X	X							X	X	X			X															
	70144	Profile Liver	Heparin/Serum			X	X	X				X		X						X						X		X															
	70153	Profile Cardiac	Heparin/Serum				X									X							X		X			X		X	X										X		
	70002	Individual test: First test (excluding below)	Heparin/Serum																																								
	70004	Each Additional Test (excluding below)	Heparin/Serum																																							
	70044	Fibrinogen - heat	Heparin																														X									
	70011	Electrolytes	Heparin/Serum												X								X		X																	
	90017	Globulin (panel)	Heparin			X														X							X															
Urinalysis	70112	Chemical & Microscopic	Sterile Container	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day																																				X	X	X	X
	70113	Chemical only	Sterile Container																																							X	
	70114	Microscopic only	Sterile Container																																								X
	70129	Urine Protein/Creatinine Ratio (UPC)	Sterile Container														X								X																	
	70666	Urinalysis + UPC	Sterile Container														X								X														X	X	X	X
	70665	Urinalysis + urine C/S	Sterile Container	2-3 week days																																				X	X	X	X
Cytology	70033	FNA/Smear - First Site	Sample on slide	Same day if samples submitted by 15:00																																							
	70031	FNA/Smear - Second Site	Sample on slide																																								
	70034	FNA/Smear - Third + Subsequent Sites	Sample on slide																																								
	70659	FNA/Smear - More Than 10 Slides From Same Site	Sample on slide																																								
	70032	Fluid Analysis: cytology, TP, all fluids	EDTA and sterile plain																																								
	70655	CSF Analysis	EDTA and sterile plain																																								
	70140	IF - FIP + others	EDTA and sterile plain	Within 24hrs																																							
Anatomical pathology	70059	Biopsy report - first specimen/site	Formalin fixed tissue: Place the sample in 10% buffered formalin (in the ratio of 1 volume of sample to 10 volumes of formalin).	5-7 week days																																							
	70134	Biopsy report - additional specimen/site	As per above	5-7 week days																																							
	70058	Histology Preparation - one specimen/site	As per above	3-4 week days																																							
	90060	PM - Histo only (externally performed PM) 1-6 tissues	As per above	5-7 week days																																							
	70656	PM histology - additional tissue samples	As per above	5-7 week days																																							
	90059	Biopsy - no report	As per above	3-4 week days																																							
	70135	Second Opinion - Slide Preparation	Paraffin blocked tissue	Speak to lab																																							
	90135	Biopsy Report - Second Opinion	Glass slides	Speak to lab																																							
	70667	Special stains - non-silver	Paraffin blocked tissue	Speak to lab																																							
	70668	Special stains - silver	Paraffin blocked tissue	Speak to lab																																							
	90660	PCR slide cutting	Paraffin blocked tissue	Speak to lab																																							
	90661	Oversize slide	Formalin fixed tissue	Speak to lab																																							
	90662	SLIDE SCAN- HISTO	Glass slide	Speak to lab																																							
	90663	SLIDE SCAN- HISTO 60x	Glass slide	Speak to lab																																							
	70136	IHC - FIP confirmation test	Formalin fixed tissue	3-5 weekdays																																							
	70145	IHC - CD3/CD79a panel	Speak to lab	Speak to lab																																							
	70401	IHC - First Antibody	Speak to lab	Speak to lab																																							
	70402	IHC - Additional Antibody	Speak to lab	Speak to lab																																							
	70100	PM - Gross/Histo - Birds		Speak to Pathologist																																							
	70101	PM - Gross/Histo - Lab Animals																																								
	70102	PM - Gross/Histo - Small animals (< 10kg)																																								
	70103	PM - Gross/Histo - Large Animals (>10kg)																																								
	70106	PM - Gross/Histo Additional Spinal Cord																																								
Microbiology	70070	Culture & Sensitivity	Sterile collected sample	2-3 week days but dependent on the number and type of bacteria isolated																																							
	70069	Culture & Sensitivity (tissue)																																								
	70067	Culture & Sensitivity of two similar sites																																								
	70083	Urine Culture & Sensitivity																																								
	70068	Blood Culture & sensitivity in Oxoid 1st with urine		8 week days for a negative result. Positive results reported as they are detected.																																							
	70080	Oxoid Blood Culture - Each subsequent Oxoid sample																																								
	70157	Oxoid Blood C/S- without Urine																																								
	70060	BactT Alert C&S Blood - without Urine																																								
	90133	Bacterial ID MALDI (on pure culture)		2 week days																																							
	90134	Bacterial culture and ID MALDI		2 week days																																							
	70075	Fungal Culture - Non-dermatophyte		5-7 week days																																							
	70076	Fungal culture - Dermatophyte		10-14 week days																																							
	70601	Mycobacteria or Nocardia culture & sensitivity		10 week days																																							
	70132	Fungal identification		External lab : allow one month																																							
	70133	Fungal sensitivity		External lab : allow one month																																							
	70658	Postage & Handling (/$0.01)																																								
	90076	Gram Stain																																								
	70090	Nematodes, Coccidia, (Float or eggs/gram)	Fresh Faeces																																							
	70091	Lungworm (Baermann)	Fresh Faeces																																							
	70096	Skin- Digest	Skin scrapings (in glycerol). Submitseveral specimens without preservative.If preservative necessary, use 5% glycerol in 70% alcohol or absolute alcohol.	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day																																							
	70095	Identification from (Parasite)																																								
	70097	Viscera-Total worm count or Digest.																																								
	70092	Faecal Parasite Culture & identification	Fresh Faeces																																							
Serology	90140	Toxoplasma/ Neospora (both)	Serum	3 week days from receipt																																							
	70654	Toxoplasma or Neospora (single test)	Serum																																								
	70077	LCAT (Cryptococcal Serology)	Serum	1-2 week days. Urgent lateral flow by arrangement																																							
	70150	Lateral Flow (Cryptococcal Serology)	Serum/ CSF																																							
Molecular Diagnostics	92013	qPCR 1-2 Targets (incl extraction) e.g. PCR for sequencing, *Chlamydia* FIV, FeLV. etc	various	2-3 week days																																							
	92015	qPCR 3-7 targets (incl extraction). E.g EEHV panel, multiple individual PCRs. Excludes avian panel	various																																							
	92016	qPCR > 7 targets (incl extraction). E.g. fecal panel	various																																							
	92014	qPCR Additional Target (no extraction)	various																																							
	92006	DNA Extraction (/Sample)	various																																							
	92012	Post PCR Sequencing		1-2 weeks																																							
	92009	Avian qPCR panel excluding bornavirus	blood and combined oral and cloacal swab	2-3 week days																																							
	92019	Avian qPCR panel including bornavirus	blood, combined oral and cloacal swab, and three sets of droppings produced over 3 days or every other day	2-3 week days																																							
	92017	Bulk DNA extraction- simple samples	various- contact lab	contact lab																																							
	92018	Bulk DNA extraction - complex samples (soil/ faeces)	various- contact lab	contact lab																																							

Specimen collection and submission

Please always submit samples into a biobag and using the laboratory request forms available in room 109.

Specimen labelling requirements: Patient name. Patient ref number. Date of collection. sample type.

Please include date of collection and any clinical history on the request form.

When drawing vacutainer collections, tubes containing anticoagulant should be collected last. Eg collect serum first then EDTA.