



Veterinary Pathology Diagnostic Services

LABORATORY TESTS, SAMPLE REQUIREMENTS AND TURNAROUND TIMES

CLINICAL PATHOLOGY

Code	Name	Sample Requirements	Turnaround Time
Combinations			
70661	Feline Combination - (FBC/Profile A no Amy or LIP)	Haem: EDTA, Biochem: Heparin Preferred, or Serum	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day
70662	Feline Combination Plus - FBC/Profile A no Amy or LIP + Urine		
70663	Canine Combination - (FBC/Profile A + Amy + LIP)		
70664	Canine Combo Plus- (FBC/Profile A + Amy + LIP + Urinalysis)		
70146	Health Profile (Basic H&B, no manual Diff)		

Haematology		Sample Requirements	Turnaround Time
70045	Full Blood Count (Retics when required)	EDTA	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day
70147	Follow-up manual FBC validation		
70046	PCV & TPP billed as one test		
70124	The FIRST test		
70125	EACH Additional Test		
70049	Reticulocyte Count		
70041	Bone marrow - Quantitative assessment	Call lab for watch glass & EDTA	Depending on Pathologist availability (24 hours)
70048	Bone Marrow - quantitative assessment plus histology		
70056	Cross Match Just one donor	Clotted tube & EDTA	In by 14:30 out by 17:00
70057	Cross Match Just two donors		
70052	Each additional donor		



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Biochemistry and Endocrinology			
70016	Profile A Non Specific	Heparin Preferred, or Serum	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day
70017	Profile B Alimentary		
70021	Profile F Pre Anaesthesia		
70138	Profile Renal		
70144	Profile Liver		
70153	Profile Cardiac		
70002	Individual test: First test (excluding below)		
70004	Each Additional Test (excluding below)		
70044	Fibrinogen - heat	EDTA	
70005	Ammonia - 1 Sample	Heparin	
70006	Ammonia Tolerance - 2 Samples		
70007	Amylase		
70011	Electrolytes		
70014	Lipase		
70024	Triglycerides		
70120	AST		
70121	GGTP		
70152	CRP	Serum preferred, or heparin	
70163	Canine PL	Heparin Preferred, or Serum	within 24hrs
70164	Feline PL		within 24hrs
70148	Total T4		In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day
70149	Total T4 (add. test)		
90017	Globulin (panel)	Heparin	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day

Urinalysis		Sample Requirements	Turnaround Time
70112	Chemical & Microscopic	Approximately 10ml urine	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day
70113	Chemical only		
70114	Microscopic only		
70129	Urine Protein/Creatinine Ratio (UPC)		
70666	Urinalysis + UPC		
70665	Urinalysis + urine C/S	Approximately 10ml urine (sterile)	2-3 week days



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Cytology			
70033	FNA/Smear - First Site		same day if samples submitted by 15:00
70031	FNA/Smear - Second Site		
70034	FNA/Smear - Third + Subsequent Sites		
70659	FNA/Smear - More Than 10 Slides From Same Site		
70032	Fluid Analysis: cytology, TP, all fluids	EDTA and sterile plain tubes	
70655	CSF Analysis	EDTA and sterile plain tubes	
70140	IF - FIP + others		within 24hrs

TEST SUBMISSIONS ARE ANALYSED 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

ANATOMICAL PATHOLOGY

Code	Name	Sample Requirements	Turnaround Time
Biopsies/ necropsies/ Immunohistochemistry			
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).	3-4 week days
70134	Biopsy report - additional specimen/site	As per above	3-4 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	3-4 week days



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70656	PM histology - additional tissue samples	As per above	3-4 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		

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MIROBIOLOGY AND SEROLOGY

Code	Name	Sample Requirements	Turnaround Time
Microbiology/ Parasitology			
70070	Culture & Sensitivity	Sterile collected sample	2-3 week days but dependent on the
70069	Culture & Sensitivity (tissue)		



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70067	Culture & Sensitivity of two similar sites		number and type of bacteria isolated	
70083	Urine Culture & Sensitivity			
70068	Blood Culture & sensitivity in Oxoid 1st with urine			
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)			8 week days for a negative result. Positive results reported as they are detected.
90134	Bacterial culture and ID MALDI			2 week days
70075	Fungal Culture - Non-dermatophyte			2 week days
70076	Fungal culture - Dermatophyte			5-7 week days
70501	Mycobacteria or Nocardia culture & sensitivity		10-14 week days	
70132	Fungal identification		10 week days	
70133	Fungal sensitivity		External lab : allow one month	
70658	Postage & Handling (/\$0.01)		External lab : allow one month	
90076	Gram Stain			
70090	Nematodes, Coccidia, (Float or eggs/gram)	Fresh Faeces	In by 12:30 out by 17:00. In by 16:15 out by 13:00 next week day	
70091	Lungworm (Baermann)	Fresh Faeces		
70096	Skin- Digest	Skin scrapings (in glycerol). Submit several specimens without preservative. If preservative necessary, use 5% glycerol in 70% alcohol or absolute alcohol.		
70095	Identification (Parasite)			



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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, <i>Chlamydia</i> , 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



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92018	Bulk DNA extraction - complex samples (soil/ faeces)	various- contact lab	contact lab
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