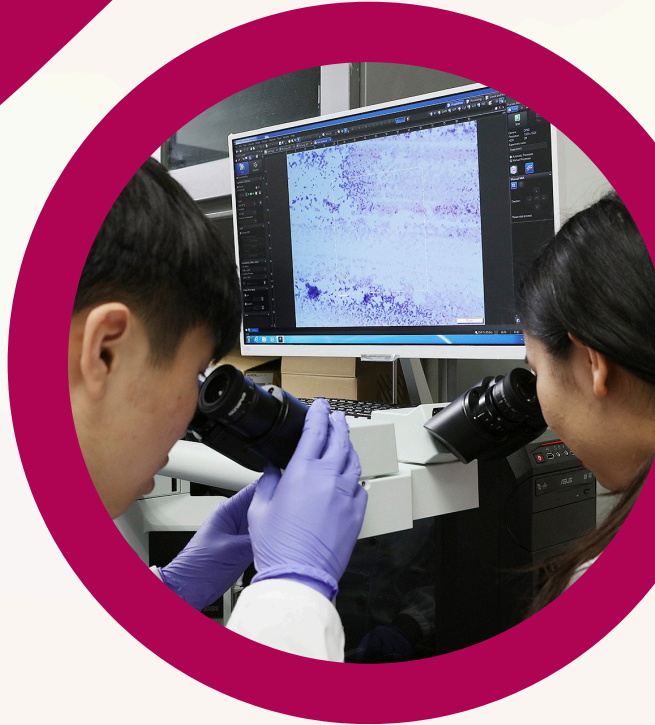




Services & Price List 2026

CITYU VETERINARY DIAGNOSTIC LABORATORY

Discover our Exclusive Services in Hong Kong



香港城市大學
City University of Hong Kong



VETERINARY
DIAGNOSTIC
LABORATORY

Updated July 2026

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Courier Services

To book a sample pickup please submit the Specimen Collection Order Form via <https://alt.jotfor.ms/212520971760049> or contact our courier service provider **Lalamove** at 9220-5494.

Clinics and institutions are also welcome to deliver specimens to CityU VDL during our opening hours. For more details, please call **3442-4849** or email us at info@cityuvdl.com.hk.

Opening Hours

Monday to Friday: 9am – 7pm
Saturday: 9am – 5:30pm
Sunday: 2pm – 5:30pm
Public Holiday: Closed

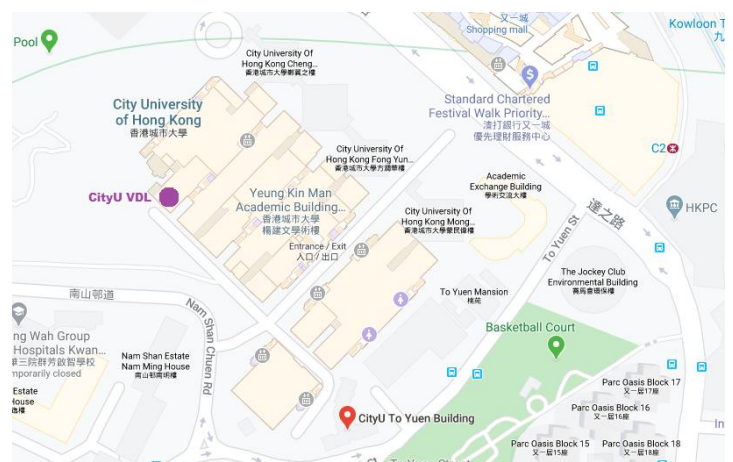
Contact details

Phone: (852) 3442-4849
(for case enquiry, consumable purchase, submission forms, pricelist)
Fax: (852) 3442-0819
Email: info@cityuvdl.com.hk
Website: <https://www.cityuvdl.com.hk>
LinkedIn: <https://www.linkedin.com/company/cityuvdl>

Address

Y1710, 1/F, Yellow Zone
Yeung Kin Man Academic Building
City University of Hong Kong
83 Tat Chee Avenue
Kowloon, Hong Kong

(It is advised to come in from the entrance on Nam Shan Chuen Road)



Veterinary Pathologists



Dr. Fraser Hill, Director, Veterinary Anatomic Pathologist, Adjunct Professor
BVSc (dist), MANZCVS (Sheep Medicine, Pathology), FANZCVS (Anatomic Pathology)

Registered Specialist Veterinary Anatomic Pathologist

Adjunct Professor Fraser Hill is recognised as a specialist in veterinary pathology in Hong Kong, Australia and New Zealand. He is a member of the Australia and New Zealand College of Veterinary Scientists in Sheep Medicine and Pathology as well as a fellow of the Australia and New Zealand College of Veterinary Scientists in Anatomic Pathology.



Prof. May Tse, Veterinary Anatomic Pathologist
BVM&S, MRCVS, Dip ACVP (Anatomic Pathology)

Registered Specialist Veterinary Anatomic Pathologist

Dr. May Tse studied veterinary science at the University of Edinburgh and completed her anatomic pathology residency at Cornell University (in conjunction with City University) before successfully completing the board examinations in 2018. She is currently a clinical assistant professor at the City University's Jockey Club College of Veterinary Medicine and Life Sciences. Working two days per week on the anatomic pathology roster, Dr. Tse enjoys all aspects of diagnostic pathology but has a particular interest in neoplasia.



Dr. Andrew Ferguson, Veterinary Pathologist
BVSc, GCVSt (Diag Path) MANZCVS (Pathobiology)

Dr. Andrew Ferguson has extensive experience working in veterinary diagnostic laboratories within government, research and commercial settings across several countries. He has worked for various offices of WHO and OIE, and has also consulted for FAO in both technical and management roles, promoting collaborative approaches in the fields of laboratory, diagnostic testing, and zoonotic disease.



Prof. Elliott Chiu, Veterinary Anatomic Pathologist
DVM, MS, PhD, DACVP

Dr. Elliott CHIU has joined City University of Hong Kong as a Presidential Assistant Professor in the Department of Veterinary Clinical Sciences in October 2024. He received his BS and MS from Drexel University, DVM and PhD from Colorado State University, and completed his residency in anatomic pathology with a focus on zoo and wildlife pathology through a partnership between the University of California, Davis and the San Diego Zoo Wildlife Alliance.

International Collaboration



Dr. Steve Mills
Veterinary Clinical Pathologist
DVM, Dip ACVP (Clinical pathology)

Registered Specialist Veterinary Clinical Pathology



Dr. John Jardine
Veterinary Anatomical Pathologist
BVSc, MMV (Pathology), Dip ACVP



Dr. Rita Figueiredo Ornelas
Veterinary Clinical Pathology
LMV, MRCVS

In addition to our local on-site pathologists, CityU VDL has expanded the veterinary expertise available in Hong Kong by partnering with international pathologists. Using the latest in imaging scanning technology board certified pathologists Dr. Steve Mills, Dr. John Jardine and Dr. Rita Ornelas can review and comment on cases with CityU VDL.

Section Heads



Dr. Arthur Ching, Molecular and Serology Scientist
BSc, PhD, MLT Part I

Dr. Arthur Ching has more than 10 years of clinical experience in Molecular diagnostics and extensive research experience in molecular biology. He has a BSc in Biology and PhD degree from the Chinese University of Hong Kong. He is also a registered MLT Part I.



Dr. Andrew Ferguson, Microbiology Veterinarian
BVSc, GCVSt (Diag Path) MANZCVS (Pathobiology)

In addition to working on pathology cases, Dr. Ferguson also leads the microbiology department. His extensive experience in many laboratory roles equips him well to guide this section.

Laboratory Details

Laboratory Overview

CityU Veterinary Diagnostic Laboratory (CityU VDL) provides a comprehensive veterinary diagnostic service to veterinarians, researchers and wildlife parks locally and regionally. In addition, it is a valuable resource for teaching undergraduate students at the City University Jockey Club College of Veterinary Medicine and Life Sciences, Bachelor of Veterinary Medicine program.

Staff

At CityU VDL, our on-site staff work at our veterinary laboratory located on-campus at City University of Hong Kong. Our current pathology team includes seven specialist pathologists, five of whom are American Board Certified Pathologists (Dip. ACVP) and a fellow of the Australian and New Zealand College of Veterinary Scientists (FANZCVS). Access to board certified veterinary clinical pathologists for cytology, blood smear analysis and consultation is also available. In addition, there are also highly trained medical laboratory technicians (MLT) and scientists in clinical pathology, histopathology, microbiology, immunology and molecular diagnostics. We are all committed to offer a high standard of service.

To contact our staff, simply phone the front desk (3442-4849). Our reception will handle your enquiry and direct you to the staff member required.

Results

Results are validated by the duty pathologist and/or scientists and can be reported by email, fax or post to the submitter. Reports are confidential. CityU VDL keeps digital copies of the reports indefinitely and can re-issue them at the submitter's request.

Client feedback on service provision and timeliness is encouraged.

Retention of Samples

CityU VDL keeps unfixed tissues for 14 days. Glass slides are kept for 3 years. Fixed tissues are kept for 30 days after reporting. Paraffin blocks are kept for 10 years. Submitters may request additional tests from the submitted tissues within these times.

Fees

CityU VDL issues invoices with final reports and requires payment within 30 days of receiving the invoice. Statements are issued monthly.

Referral of Samples

Please note, some tests offered at CityU VDL may be outsourced to overseas referral laboratories. Additional samples may be needed to ensure sufficient sample volume is available for testing.

Filling in Submission Forms and Sample Submission Guidelines

Submission of Samples

Samples must be submitted in the CityU VDL specimen bags (provided free on request) together with a completed Sample Submission Form.

Place all samples from a case into one specimen bag and place the Sample Submission Form into the pocket attached to the specimen bag. If the sample does not fit into the specimen bag (e.g. a 10L biopsy pot), please place the Submission Form into the specimen bag and securely attach the bag onto the sample.

Please correctly identify and label all samples and fully complete all Sample Submission forms.

Filling in a Submission Form

- Please fill in the **full name** of the submitting veterinarian. To avoid confusion during accessioning (which may result in delay of sample processing), please do not write the veterinarian's initials only.
- Please indicate what sample type has been submitted. For example, if multiple biopsy samples from multiple sites have been taken and placed into one biopsy pot, please indicate on the submission form which sites the biopsy samples are taken from.
- Please fill in all the fields on the submission form including date collected and time.
- If your clinic has multiple branches, please indicate in the clinic name field which branch you are submitting from. This will avoid confusion during accessioning and delay in sample processing.
- If there have been earlier submissions from a particular case, please include any previous case numbers so the prior findings can be correlated with the current case.

Sample Submission

If a sample is submitted for two different tests (e.g. a nasal swab for culture and sensitivity as well as a viral PCR test) it is recommended to submit two separate samples from the same site, one for each test requested.

CITYU VDL SAMPLE SUBMISSION FORM

<p style="font-size: small;">香港城市大學 City University of Hong Kong</p> <p style="font-size: small;">CityU Veterinary Diagnostic Laboratory Y1710, Yeung Kin Man Academic Building City University of Hong Kong 83 Tat Chee Avenue, Kowloon, Hong Kong Phone: 3442-4849 Fax: 3442-0819 Web: https://www.cityyudl.com.hk Email: info@cityyudl.com.hk</p>	Veterinarian:	Owner Name:	(First)	(Last)	
	Clinic:	Animal Name:			
		Species:			
	Email:	Breed:			
	Phone:	Sex: <input type="checkbox"/> Male <input type="checkbox"/> Female <input type="checkbox"/> Desexed			
	Date Sample Collected: / /	DOB (DDMMYY):			
	Time Sample Collected: : AM PM	Client Reference #:			
	Previous CVDL Case #:	Microchip #:			

CLINICAL HISTORY (Clinical signs and any recent therapy. Describe lesions and lesion distribution)

Describe clinical signs and any recent therapy. Describe lesions and lesion distribution.	
Sample Sites Collected:	
Differential Diagnosis:	1 2 3

Total No. of Samples →	Blood: <input type="checkbox"/> EDTA <input type="checkbox"/> Clotted <input type="checkbox"/> Serum <input type="checkbox"/> Heparin <input type="checkbox"/> Plasma EDTA <input type="checkbox"/> Plasma Heparin <input type="checkbox"/> Citrate Urine: <input type="checkbox"/> Catheter <input type="checkbox"/> Cysto <input type="checkbox"/> Void <input type="checkbox"/> Swab <input type="checkbox"/> Faeces <input type="checkbox"/> Fluid <input type="checkbox"/> Slides	Tissue: <input type="checkbox"/> Fixed <input type="checkbox"/> Fresh <input type="checkbox"/> Hair <input type="checkbox"/> OTHER
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TESTS REQUESTED (✓) Refer to the Services and Price List for a comprehensive list of tests or contact Specimen Accessioning at 3442-4849

Clinical Pathology Panels (interpreted) <input type="checkbox"/> Biochemistry Panel <input type="checkbox"/> Thyroid Panel <input type="checkbox"/> CBC (Blood Smear) <input type="checkbox"/> Coagulation Panel (PT and PTT) <input type="checkbox"/> Coagulation Panel and Fibrinogen <input type="checkbox"/> Coagulation Profile (PT, PTT, & CBC) <input type="checkbox"/> Complete Blood Panel <input type="checkbox"/> Electrolyte Panel <input type="checkbox"/> FIP Panel <input type="checkbox"/> Canine GIT Panel (Cobalamin, Folate and TLI) <input type="checkbox"/> Liver Panel <input type="checkbox"/> NSAID Panel <input type="checkbox"/> Pre-anesthesia Panel <input type="checkbox"/> Renal Panel <input type="checkbox"/> Total Protein Panel Clinical Pathology Panels (uninterpreted) <input type="checkbox"/> Senior Profile <input type="checkbox"/> Wellness Profile <input type="checkbox"/> Off Colour Profile <input type="checkbox"/> Pre-Anaesthetic Profile <input type="checkbox"/> Total Annual Health Profile Histology/Post-Mortem <input type="checkbox"/> Biopsy Total no. of sites: _____ <input type="checkbox"/> Endoscopic Biopsy <input type="checkbox"/> Dermatology Biopsy <input type="checkbox"/> Histology from PM <input type="checkbox"/> Mammary Biopsy Total no. of glands: _____ <input type="checkbox"/> Post-Mortem (PM) Genetics Testing <input type="checkbox"/> Breed Identification (Breed ID) <input type="checkbox"/> Single Genetic Disease: _____	Cytology <input type="checkbox"/> Bone Marrow Cytology & CBC <input type="checkbox"/> Cytology Total no. of sites: _____ <input type="checkbox"/> Add-on ICC Marker: _____ Fluid Analysis <input type="checkbox"/> Abdominal <input type="checkbox"/> CSF <input type="checkbox"/> Lumbar <input type="checkbox"/> CMC/AO <input type="checkbox"/> Joint <input type="checkbox"/> Pericardial <input type="checkbox"/> Thoracic <input type="checkbox"/> Add-on Creatinine <input type="checkbox"/> Add-on Cholesterol & Triglyceride Clinical Pathology <input type="checkbox"/> Analyte: _____ <input type="checkbox"/> Alpha-1-acid glycoprotein (AGP) <input type="checkbox"/> Bile Acid (Fasting/Random) <input type="checkbox"/> Bile Acid (Post-Prandial) <input type="checkbox"/> Canine TLI <input type="checkbox"/> Cobalamin <input type="checkbox"/> Coombs Test <input type="checkbox"/> Canine <input type="checkbox"/> Feline <input type="checkbox"/> Feline TLI <input type="checkbox"/> Folate <input type="checkbox"/> Ionized Calcium <input type="checkbox"/> Modified Knott's Test <input type="checkbox"/> Serum Electrophoresis <input type="checkbox"/> Serum Iron <input type="checkbox"/> Quantitative <input type="checkbox"/> cPLI <input type="checkbox"/> fPLI Therapeutic <input type="checkbox"/> Cyclosporine <input type="checkbox"/> Levetiracetam (Keppra) <input type="checkbox"/> Phenobarbitone <input type="checkbox"/> Potassium Bromide <input type="checkbox"/> Zonisamide	Endocrinology <input type="checkbox"/> ACTH Stimulation Test <input type="checkbox"/> Cortisol <input type="checkbox"/> Fructosamine <input type="checkbox"/> FT4 <input type="checkbox"/> Insulin <input type="checkbox"/> LDDST <input type="checkbox"/> Progesterone <input type="checkbox"/> PTH <input type="checkbox"/> PTHrp <input type="checkbox"/> TSH <input type="checkbox"/> Canine <input type="checkbox"/> Feline <input type="checkbox"/> TT4 Urine Tests <input type="checkbox"/> Cystitis Package <input type="checkbox"/> Urinalysis <input type="checkbox"/> Urine Culture and Sensitivity <input type="checkbox"/> Urolith Analysis <input type="checkbox"/> Urine Cortisol: Creatinine Ratio <input type="checkbox"/> Urine Protein: Creatinine Ratio Microbiology <input type="checkbox"/> Aerobic Culture Only <input type="checkbox"/> Aerobic Culture and MIC <input type="checkbox"/> Aerobic Culture and Sensitivity <input type="checkbox"/> Anaerobic Culture Only <input type="checkbox"/> Anaerobic Culture and MIC <input type="checkbox"/> Blood Culture and MIC <input type="checkbox"/> Blood Culture and Sensitivity <input type="checkbox"/> Fungal Culture <input type="checkbox"/> Add-On <input type="checkbox"/> MIC <input type="checkbox"/> Sensitivity Faecal Tests <input type="checkbox"/> Baermann Test <input type="checkbox"/> Faecal Culture <input type="checkbox"/> Faecal Smear <input type="checkbox"/> Qualitative Faecal Flotation	PCR Panels <input type="checkbox"/> Babesia Panel <input type="checkbox"/> Canine Anaemia Panel <input type="checkbox"/> Canine Diarrhoea Panel <input type="checkbox"/> Canine Comprehensive Diarrhoea Panel <input type="checkbox"/> Comprehensive Tick Fever PCR Panel <input type="checkbox"/> Dermatophytosis PCR Panel <input type="checkbox"/> Feline Anaemia PCR Panel <input type="checkbox"/> Comprehensive <input type="checkbox"/> CBC <input type="checkbox"/> Complete Blood <input type="checkbox"/> Feline Diarrhoea PCR Panel <input type="checkbox"/> Feline Respiratory PCR Panel PCR <input type="checkbox"/> Babesia gibsoni <input type="checkbox"/> Canine Distemper Virus <input type="checkbox"/> Ehrlichia canis <input type="checkbox"/> Feline Calicivirus <input type="checkbox"/> Feline Coronavirus <input type="checkbox"/> Feline Herpesvirus <input type="checkbox"/> Feline Immunodeficiency Virus (FIV) <input type="checkbox"/> Feline Leukemia Virus (FeLV) <input type="checkbox"/> Feline Panleukopenia Virus <input type="checkbox"/> Giardia intestinalis <input type="checkbox"/> Leptospira <input type="checkbox"/> Blood <input type="checkbox"/> Urine <input type="checkbox"/> Mycoplasma haemofelis <input type="checkbox"/> Mycoplasma spp (Respiratory) <input type="checkbox"/> Toxoplasma gondii <input type="checkbox"/> Tritrichomonas foetus Serology <input type="checkbox"/> Canine Antinuclear Ab (ANA) <input type="checkbox"/> Canine Vaccination Titre <input type="checkbox"/> Feline Vaccination Titre <input type="checkbox"/> E. cuniculi Ab IFA <input type="checkbox"/> Dirofilaria Ag <input type="checkbox"/> Toxoplasma <input type="checkbox"/> IgG <input type="checkbox"/> IgM
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OTHER REQUESTS:

Internal Use Only	Blood, EDTA	Blood, Clotted	Blood, Serum	Blood, Heparin	Blood, Citrate
Date:	Swab	Fluid	Faeces	Tissue, Fresh	Plasma EDTA
	Urine	Tissue, Fixed	Slides, Stained	Slides, Unstained	Plasma Heparin
Time:	Comments:				Hair
Staff:					Other:

Specimen Collection Guidelines

Cytology

- Performed on fine needle aspirates (FNA), fluids, scrapings, and imprints.
- We recommend using slides with one end frosted. Write sample identification data here with pencil, as pen and felt tipped markers will wash off in fixative during staining. Label the sample clearly with the patient's name, date of collection, and sample location.
- Avoid submitting slides in the same packaging with formalin-fixed samples as exposure to formalin can render cytology slides unreadable.
- Cytology cannot be done on swabs submitted in transport media.
- Body fluids (which includes abdominal, thoracic, pericardial, joints, and CSF) are best submitted in both EDTA and sterile tubes/containers. The EDTA preserves the cytology and prevents clotting to allow cell counts and protein estimates required for a full fluid analysis. The sterile tube/container may allow other procedures e.g. culture and some biochemistry tests. If there is insufficient volume available (e.g. CSF and joint fluid), then an EDTA sample is preferred. For very small samples a smear should be made from the fluid.
- Other fluids are best submitted in EDTA as cytology is required. However, if culture is also required, a separate sample of the fluid must be submitted in a sterile container.
- For FNA samples, it is recommended to collect material from multiple separate aspirations taken from the lesion, from various locations within the sample, if size allows. This will increase the likelihood of a diagnosis. FNA samples that results in thick clumps on the slide do not typically have a monolayer of cells that is required for diagnosis. Visible clumps of cells should be spread over the surface of the slide by placing another slide at 90° to the first slide and smearing the clumps out with light pressure.
- CityU VDL fees apply to cytology examinations whether the slides contain diagnostic material or not. When aspirating lesions for cytology evaluation, check the smears as you collect them. If there are more than three smears, send the three best smears for cytology evaluation. The maximum number of cytology slides from each site for evaluation is three.
- If a sample is non-diagnostic, a second sample will be examined for free if submitted within 30 days. Remember to quote the previous case number.

Histopathology

- For adequate formalin penetration, ensure all biopsy specimens are fixed in a 10:1 ratio of formalin to tissue.
- If possible, submit the WHOLE specimen. If the specimen size is large e.g. whole spleen, make multiple slices 1cm apart before placing in formalin to allow better formalin penetration as formalin does not penetrate greater than 5mm into tissue. The only exception is brain, which can be fixed whole without slicing.
- You may wish to ink the surgical margins prior to placement in formalin. Allow the ink to dry before putting into formalin.
- Specimens >5 cubic cms in volume may be fixed in formalin for 48 hours at the clinic and forwarded to the laboratory with a reduced formalin:tissue ratio. This is especially useful for large samples, where several days fixation in large volumes of formalin at the veterinary clinic leads to good tissue fixation. Lower volume of formalin is required when the sample is in transit.

- If accurate identification of individual tissue samples is required, multiple tissue samples should be placed in separate containers that are clearly labelled.
- All samples must be submitted in a leak-proof plastic container. Do not use glass containers as they may break during transportation. Plastic containers may be purchased from CityU VDL.

Post-Mortem

CityU VDL offers post-mortem services. **Before submitting cases, the veterinarian should contact CityU VDL's duty pathologist to discuss the circumstances of the case, the scope and costs of laboratory examination, and delivery of the animal.** All bodies should be kept in the refrigerator at 4°C.

Animal bodies undergoing post-mortem are not allowed to be returned to the owner; however, CityU VDL can release the body to a staff member of a cremation company, who are required to follow strict guidelines on handling prior to cremation. If the owner does not wish to have the body cremated, the body will be disposed of by CityU VDL, and a body disposal fee will be applied (see page 10 for price).

Fluid Cytology & Analysis

We recommend clinicians prepare 2 slides and submit this to us as well as the fluid in an EDTA tube.

Container Type	
EDTA tube	Required with all fluids - preserves cytology, allows fluid analysis
Sterile Tube	For culture. Can be placed in sterile containers such as urine pots. Do not place in serum tube.
Plain tube	If requesting biochemistry of the fluid such as creatinine, cholesterol, and triglyceride

Below is a table indicating what container type to use for specific tests and what type of tests are required for different types of fluid.

Fluid Type Container Type	Fluid from Conventional Cavity (Abdominal, Thoracic, Pericardial, Joint, CNS)	Bronchoalveolar lavage (BAL) Transtracheal wash (TTW)	Other fluids (eg. seromas, haematomas, various washes such as nasal or prostatic washes)
EDTA	Cytology. Fluid Analysis always required for a proper diagnosis.	Cytology. No fluid analysis required.	Cytology. No fluid analysis required. If stained cytology is required for a urine sample, the urine can be placed in an EDTA tube.
Sterile Tube	If culture required. This can be ordered if cytology suggests. For CNS, as sample quantity is usually small and protein content is low, sample can be collected in sterile tube.	If culture required. This can be ordered if cytology suggests.	If culture required. This can be ordered if cytology suggests.

HISTOPATHOLOGY

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Histology	Comments	Test Includes	TAT
Biopsy: 1 site	Multiple lymph nodes are considered as 1 site (unlimited tissue size per site)	Includes one organ or site, full margin evaluation	5 days
Biopsy: Additional sites	Per additional biopsy from different organ samples or sites	Each additional site	5 days
Endoscopic Biopsy	For endoscopic intestinal biopsies from multiple intestinal sites	Includes multiple sites	5 days
Mammary Gland Biopsy: 1 gland	One nipple and mammary gland		5 days
Mammary Gland Biopsies: additional glands	Additional nipple and mammary gland	Each additional nipple and mammary gland	5 days
Dermatology Biopsies	For general skin conditions where a mass is not involved (for example, conditions such as allergic dermatitis, pemphigus, etc.)	Includes up to 6 punch biopsies	5 days
Histology collected from Post-Mortem	For samples collected during a post-mortem that requires histological examination	Includes per tissue or organ or site	5 days
Limb Dissection	Whole limb submitted for dissection and sample collection	Includes sample collection only	5 days
Special stains	Will be determined by pathologist		
Special request	One block and one slide		5 days
Immunohistochemistry	Comments	Test Includes	TAT
IHC/ICC Marker	For biopsy samples	Contact us for the list of IHC and ICC markers available	3 days

NOTES: For guides on how to collect a biopsy sample, please refer to page 7 & 8.

POST-MORTEM

Turnaround time:

Gross pathology report: 3 working days

With histopathology results: 7 working days (*allowing time for tissues to fix*)

All turnaround times are calculated on receipt of samples by accessioning

***Please contact the pathologist before submitting animals for post-mortem. Call our reception at 3442-4849.**

Prices do not include histopathology or other tests. See "Histology collected from Post-Mortem" above for the price for histology done on post-mortem samples.

Post-Mortem	Comments	Test Includes
Cat	≤ 1kg	Gross pathology only
	> 1kg	Gross pathology only
Dog	≤ 5kg	Gross pathology only
	> 5kg	Gross pathology only
Mini post-mortem	e.g. Limb, brain removal	Gross pathology only
Pocket Pets	For rabbits, rodents, ferrets	Gross pathology only
Birds		Gross pathology only
Reptiles	For chelonians, lizards, snakes	Gross pathology only
Amphibians		Gross pathology only
Fish	≤ 20cm	Gross pathology only
	> 20cm	Gross pathology only
Others	Any sample not in the categories above	Gross pathology only
Body Disposal	This is mandatory for all non-cremated post-mortem cases sent to CityU VDL	

NOTES:

- 1) Animal bodies undergoing post-mortem are not allowed to be returned to the owner.
- 2) CityU VDL can release the body to a staff member of a cremation company, who are required to follow strict guidelines on handling prior to cremation.
- 3) If the owner does not wish to have the body cremated, the body will be disposed of by CityU VDL and a body disposal fee will be applied.

CYTOLOGY

Resubmit within 30 days for free if the initial sample is non-diagnostic

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Cytology	Comments	Test Includes	Sample Required	TAT
†Cytology First Site	Maximum: Four slides per site (Each lymph node is considered as 1 site)		Fluid, smear, aspirates smeared on slides or in EDTA tube	2 days
Cytology Additional Sites	An add-on to "Cytology First Site". Sample must be from the same animal (Maximum: Four slides per site)		Fluid in EDTA tube; Aspirates or smears on glass slides Wash samples from BAL, prostate, tracheal, cystic, nasal, urine, crop in EDTA tube. FNA, impression smears	2 days
Immunocytochemistry (ICC) Marker	For cytology samples			
Fluid Analysis	For thoracic, abdominal, pericardial, joint, and CSF ONLY Note: CSF should be submitted to the VDL on the day of collection as cells degenerate quickly	Total protein, NCC, RBCC, gross appearance and cytology	Fluid in EDTA tube; slides may be submitted for cytology; fluid in plain tube if culture required	2 days
Fluid Analysis additional sites				2 days
*Cholesterol & Triglyceride	Ordered as an add-on test for fluid analysis only For chylothorax cases			2 days
*Creatinine	Ordered as an add-on test for fluid analysis only. For abdominal fluids with suspected ruptured bladder			2 days
Bone Marrow Examination	Bone marrow aspirate and peripheral blood required	CBC and cytology	Bone marrow aspirate in EDTA tube; blood smears, 1.3 ml whole blood in EDTA	2 days
Buffy Coat Examination			1.3 ml whole blood in EDTA	2 days
Skin Scraping			Smear on glass slide	2 days

†If a sample is non-diagnostic, a second sample will be examined for free if submitted within 30 days. Remember to quote the previous case number.

*A fluid analysis must be performed first before add-ons can be ordered.

CLINICAL PATHOLOGY

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Panels and Profiles (interpreted)	Test Includes	Sample Required	TAT
Complete Blood Panel	CBC + biochemistry (see CBC and Biochemistry panel for details)	1.3mL whole blood in EDTA tube AND 1.3mL clotted whole blood in serum tube	2 days
Complete Cell Count (CBC)	HCT, PCV, haemoglobin, RBCC, WBCC, MCV, MCH, MCHC, manual WBC differentials to derive % and absolute count, manual platelet count, TPP, cell morphology, platelet assessment. Reticulocyte count if anaemic. All abnormal smears reviewed by a pathologist	1.3mL whole blood in EDTA	2 days
Biochemistry Panel (canine / feline)	Na, K, Na:K (canine only), Cl, Ca, P, bicarbonate, anion gap, AST, ALT, ALP, GGT, CK, urea, creatinine, amylase, lipase, TP, albumin, globulin, total bilirubin, glucose, cholesterol, triglyceride, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Biochemistry Panel (equine)	Na, K, Cl, Ca, phos, bicarbonate, anion gap, AST, ALP, GGT, CK, urea, crea, TP, alb, glob, gluc, chol, trig, total bilirubin	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Electrolyte Panel (canine, feline, equine)	Na, K, Cl, bicarbonate	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Thyroid Panel (canine / feline)	TT4, fT4, TSH	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Pre-anesthesia Panel	Na, K, Cl, Bicarbonate, Anion Gap, Creatinine, Ca, Glucose, ALT, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Liver Panel	Alb, AST, Glu, ALT, Urea, ALP, GGT, total bilirubin, cholesterol	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Renal Panel	Na, K, Cl, Bicarbonate, Anion gap, Urea, Creatinine, Alb, Ca, P, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Total Protein Panel	TP, Albumin, Globulin, A/G Ratio	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days

CLINICAL PATHOLOGY

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Panels and Profiles (interpreted)	Test Includes	Sample Required	TAT
NSAID Panel	ALP, ALT, Urea, Creatinine, USG, SDMA	1.3mL whole blood in plain tube + 1mL urine OR 0.5mL serum in plain tube + 1mL urine	2 days

FIP Panel	AGP, Feline Coronavirus PCR, Fluid Analysis, Albumin, Globulin, A/G Ratio	1) 1.3mL whole blood in plain tube and, 2) 0.5mL serum in plain tube and, 3) 1ml fluid in EDTA tube	7 days
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Panels and Profiles (uninterpreted)	Test Includes	Sample Required	TAT
Senior Profile	CBC, Albumin, A:G ratio, ALP, ALT, Amylase, Anion gap, AST, Bicarbonate, Bilirubin, BUN, Calcium (Ca), Cholesterol, CK, Chloride (Cl), Creatinine, GGT, Globulin, Glucose, Potassium (K), Lipase, Sodium (Na), Na:K, Phosphorus (P), TP, Triglyceride, T4, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days

Wellness Profile	CBC, Albumin, A:G ratio, ALP, ALT, BUN, Creatinine, Globulin, Glucose, TP, T4, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
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Off Colour Profile	CBC, Albumin, A:G ratio, ALP, ALT, Amylase, Anion gap, AST, Bicarbonate, Bilirubin, BUN, Calcium (Ca), Cholesterol, CK, Chloride (Cl), Creatinine, GGT, Globulin, Glucose, Potassium (K), Lipase, Sodium (Na), Na:K, Phosphorus (P), TP, Triglyceride, T4, Cortisol, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
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Pre-Anaesthetic Profile	CBC, Albumin, A:G ratio, ALP, ALT, BUN, Creatinine, Globulin, Glucose, Total protein, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
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Total Annual Health Profile	CBC, Albumin, A:G ratio, ALP, ALT, Amylase, AST, Bilirubin, BUN, Ca, Cholesterol, CK, Creatinine, GGT, Globulin, Glucose, Lipase, Phosphorus (P), TP, Triglyceride, T4, SDMA	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
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CLINICAL PATHOLOGY

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Haematology	Test Includes	Sample Required	TAT
Direct Coombs Test (Canine / Feline)		1.3mL whole blood in EDTA + freshly prepared blood smear (unstained)	2 days
Modified Knott's Test		1.3mL whole blood in EDTA	2 days
Biochemistry	Test Includes	Sample Required	TAT
Individual Analytes	Please specify the analyte required on the submission form	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Alpha-1-acid glycoprotein (AGP)		0.5mL serum in plain tube	7 days
Bile Acid (fasting/random)		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Bile Acid (post-prandial)		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Canine TLI (Trypsin-Like Immunoreactivity)		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Feline TLI (R)		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	12 days
Folate		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Cobalamin (Vitamin B12)		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Canine GIT Panel	TLI, Folate & Cobalamin	1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Faecal occult blood		Fresh faeces in faecal collection pot	2 days
SDMA		0.5mL serum in plain tube	2 days

(R) = Referral Test

CLINICAL PATHOLOGY

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Biochemistry	Test Includes	Sample Required	TAT
Quantitative cPLi (R)		1ml serum (prefer fasted) in serum tube	7-8 days
Quantitative fPLi (R)		1ml serum (prefer fasted) in serum tube	7-8 days
Serum Electrophoresis		1.3mL clotted whole blood in serum tube	4-5 days
Serum Iron (R)		2mL serum in serum tube	2-3 days
Ionized Calcium (R)		1mL serum in serum tube	2-3 days

Endocrinology	Test Includes	Sample Required	TAT
ACTH Stimulation Test	Basal cortisol level, post ACTH stimulation cortisol level	2 x 1.3mL whole blood or 2 x 0.5mL serum in plain tube (at 0min and 60 min)	2 days
Low Dose Dexamethasone Suppression Test	3-4 cortisol results at 0hr, 3-4hr, 8hr post dexamethasone injection.	3 x 1.3mL whole blood or 3 x 0.5mL serum in plain tube (at 0hr, 3-4hr, 8hr post dexamethasone injection)	2 days
High Dose Dexamethasone Suppression Test	3-4 cortisol results at 0hr, 3-4hr, 8hr post dexamethasone injection.	3 x 1.3mL whole blood or 3 x 0.5mL serum in plain tube (at 0hr, 3-4hr, 8hr post dexamethasone injection)	2 days
Cortisol		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Total T4		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Free T4 (canine and feline)		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
TSH (canine and feline)		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days

(R) = Referral Test

CLINICAL PATHOLOGY

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Endocrinology	Test Includes	Sample Required	TAT
Progesterone		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Fructosamine		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube	2 days
Insulin ^(R)		2mL serum in serum tube	14 days
Parathyroid Hormone (PTH) ^(R)		1mL frozen serum in serum tube (non-hemolysed/non-lipaemic)	14 days
Parathyroid hormone-related protein (PTHrp) ^(R)		1mL frozen EDTA plasma in plain tube (non-hemolysed/non-lipaemic). Separate plasma within 1hr of collection	14 days
Relaxin ^(R)		0.5mL heparinised plasma in plain tube (30 days post breeding)	14 days
Coagulation	Test Includes	Sample Required	TAT
Coagulation panel	PT, PTT	2mL whole blood in sodium citrate tube, or to the marking on the tube	3-4 days
Coagulation panel + fibrinogen ^(R)	PT, APTT, Fibrinogen	2mL whole blood in sodium citrate tube, or to the marking on the tube	5-7 days
Coagulation profile	PT, PTT, CBC	2mL whole blood in sodium citrate tube, or to the marking on the tube AND 1.3ml whole blood in EDTA	3-4 days
Fibrinogen ^(R)		2mL whole blood in sodium citrate tube, or to the marking on the tube	5-7 days
Therapeutics	Test Includes	Sample Required	TAT
Phenobarbitone		1.3mL whole blood in plain tube OR 0.5mL serum in plain tube Do NOT place in gel tube	2 days
Potassium Bromide ^(R)		2mL serum in serum tube Do NOT place in gel tube	5-7 days

(R) = Referral Test

CLINICAL PATHOLOGY

All turnaround times (TAT) are calculated on receipt of samples by accessioning

Therapeutics	Test Includes	Sample Required	TAT
Levetiracetam (keppra)		1mL serum in serum tube	4-5 days

Zonisamide		1) 2mL of non-hemolysed separated serum or 2) non-hemolysed EDTA plasma or 3) non-hemolysed heparinised plasma	4-5 days
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Cyclosporine (R)		3mL whole blood in EDTA	3 days
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Toxicology	Test Includes	Sample Required	TAT
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Blood Lead (R)		2mL whole blood in heparin tube	2-3 days
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Serum Zinc (R)		2mL serum in serum tube	3-4 days
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Urine Analysis	Test Includes	Sample Required	TAT
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Urinalysis	Colour, turbidity, dipstick (pH, TP, glucose, ketones, bilirubin, blood), specific gravity, and sediment examination	Urine in sterile urine collection pot (minimum 3mL)	2 days
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Urine Protein:Creatinine Ratio (UPCR)		Urine in sterile urine collection pot	2 days
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Urine Cortisol:Creatinine Ratio (UCCR)		Urine in sterile urine collection pot	2 days
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Others	Test Includes	Sample Required	TAT
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Amino acids (R)		2mL non-hemolysed heparinised plasma in plain tube	18-20 days
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Taurine (R)		1mL non-hemolysed heparinised plasma in plain tube	18-20 days
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(R) = Referral Test

MICROBIOLOGY

All turnaround times are calculated on receipt of samples by accessioning

Microbiology	Comments	Test Includes	Sample Required	TAT
Cystitis Package		Urinalysis, Culture and AST	Urine in sterile collection pot	3 days
Aerobic Culture only	Antimicrobial Sensitivity Testing (AST) not included	Culture only	Fluid in sterile pot, or swab in transport medium	3 days
Aerobic Culture & Sensitivity		Culture and AST by disc diffusion	Fluid in sterile pot, or swab in transport medium	4 days
Aerobic Culture & MIC		Culture and AST by MIC	Fluid in sterile pot, or swab in transport medium	4 days
Anaerobic Culture only	AST not included	Culture only	Fluid in sterile pot, or swab in transport medium	3-8 days
Anaerobic Culture & MIC[^]		Culture and AST by MIC	Fluid in sterile pot, or swab in transport medium	4-9 days
Aerobic and Anaerobic Culture		Culture only	For deep wounds, pus, abscess and sterile body fluids only	3-8 days
Aerobic Culture & Sensitivity + Anaerobic Culture & MIC		Aerobic: Culture and AST by disc diffusion Anaerobic: Culture and AST by MIC	For deep wounds, pus, abscess and sterile body fluids only	4-9 days
Aerobic and Anaerobic Culture & MIC		Culture and AST by MIC	For deep wounds, pus, abscess and sterile body fluids only	4-9 days
Blood culture only	AST not included. Blood Culture Bottles are suitable for most fluids	Culture only	Blood Culture Bottle*	4-10 days
Blood Culture and Sensitivity	Blood Culture Bottles are suitable for most fluids	Culture and AST by disc diffusion	Blood Culture Bottle*	4-12 days
Blood culture and MIC	Blood Culture Bottles are suitable for most fluids	Culture and AST by MIC	Blood Culture Bottle*	4-12 days
Faecal culture	AST not included	Culture only	Fresh faeces in faecal collection pot	3 days
Faecal culture & sensitivity		Culture and AST by disc diffusion	Fresh faeces in faecal collection pot	4 days

MICROBIOLOGY

All turnaround times are calculated on receipt of samples by accessioning

Microbiology	Comments	Test Includes	Sample Required	TAT
Faecal culture & MIC		Culture and AST by MIC	Fresh faeces in faecal collection pot	4 days
Fungal Culture	AST not included	Culture only	Hair, tissue, toothbrush place in a urine pot, paper envelope, or a zip lock bag, or swab	14 days
Urine culture and sensitivity	Free MIC for any high resistance organisms	Culture and AST by disc diffusion	Urine in sterile collection pot	4 days
Urine Culture & MIC		Culture and AST by MIC	Urine in sterile collection pot	4 days
Sensitivity testing[^]	Add on an antimicrobial panel to existing aerobic culture results			2 days
MIC[^] Sensitivity	Add on an antimicrobial panel to existing culture results (aerobic or anaerobic)			2-4 days
Staining: Gram Stain			Fluid in sterile pot, or swab in transport medium	1 day
Staining: Acid Fast			Fluid in sterile pot, or swab in transport medium	1 day

*Contact lab for delivery of blood culture bottles

[^]AST per organism

Faecal Analysis	Comments	Test Includes	Sample Required	TAT
Qualitative Faecal Flootation			Fresh faeces in faecal collection pot	2 days
Faecal Smear			Fresh faeces in faecal collection pot	1 day
Faecal Sedimentation Baermann Test	To test for lungworm		Fresh faeces in faecal collection pot	2 days

MOLECULAR PCR

All turnaround times are calculated on receipt of samples by accessioning

Tick	Test Includes	Sample Required	TAT
Canine Anaemia Panel	<i>Babesia canis vogeli</i> , <i>Babesia gibsoni</i> , <i>Ehrlichia spp</i> , <i>Anaplasma spp</i> , CBC & Coombs Test	1.3ml EDTA whole blood x 2	1-3 days
Comprehensive Tick Fever Panel	<i>Babesia canis canis</i> , <i>Babesia canis vogeli</i> , <i>Babesia gibsoni</i> , <i>Ehrlichia canis</i> , <i>Anaplasma spp</i>	1.3ml EDTA whole blood	1-3 days
Babesia Panel	<i>Babesia canis vogeli</i> <i>Babesia gibsoni</i>	1.3ml EDTA whole blood	1-3 days
Babesia vogeli		1.3ml EDTA whole blood	1-3 days
Babesia gibsoni		1.3ml EDTA whole blood	1-3 days
Ehrlichia canis		1.3ml EDTA whole blood	1-3 days
Ehrlichia spp		1.3ml EDTA whole blood	1-3 days
Anaplasma spp		1.3ml EDTA whole blood	1-3 days
Canine Specific PCR			
Canine Specific PCR	Test Includes	Sample Required	
Canine Diarrhoea Panel	<i>Giardia intestinalis</i> , <i>Isospora/Cystoisospora</i> , <i>Penta-trichomonas hominis</i>	1) 3g faeces or 2) rectal swab	1-3 days
Canine Comprehensive Diarrhoea Panel	<i>Cryptosporidium parvum</i> , <i>Giardia intestinalis</i> , <i>Penta-trichomonas hominis</i> , <i>Isospora/Cystoisospora</i>	1) 3g faeces or 2) rectal swab	1-3 days
Canine Distemper Virus		1) 1.3ml EDTA whole blood or 2) 5ml urine or 3) nasal or conjunctival dry swab or 4) lung tissue	1-3 days
Canine Parvovirus		1) 3g faeces or 2) rectal swab	1-3 days
Faecal Parasites	<i>A. caninum</i> <i>A. ceylanicum</i> <i>D. caninum</i> <i>T. canis</i> <i>T. vulpis</i> <i>U. stenocephala</i>	3g faeces in faecal collection pot	1-3 days
Leptospira	Collect blood in acute infections only. Collect urine for longer infection and to check treatment efficacy	1) 2ml urine or 2) 1.3ml EDTA whole blood 3) Tissues (kidney and/or liver, fetal lung, kidney, liver, stomach, or abomasal content, placenta)	1-3 days

For all PCR tests, please do not use bacterial gel swab for sampling.

Individual tests in panel can be considered to order as a standalone test. Please call the Molecular section to confirm availability.

MOLECULAR PCR

All turnaround times are calculated on receipt of samples by accessioning

Feline Specific PCR	Test Includes	Sample Required	TAT
Bordetella bronchiseptica	<i>B. bronchiseptica</i>	1) Pharyngeal dry swab or 2) 1ml BAL in plain sterile tube	1-3 days
Candidatus Mycoplasma haemominutum		1.3ml EDTA whole blood	1-3 days
Chlamydomphila felis		Ocular, conjunctiva dry swab	1-3 days
Feline Anaemia Panel	Mhf, CMhm	1.3ml EDTA whole blood	1-3 days
Feline Anaemia Panel Comprehensive	Mhf, CMhm, FIV, FeLV	1.3ml EDTA whole blood	1-3 days
Feline Anaemia Panel Plus CBC	Mhf, CMhm, CBC	1.3ml EDTA whole blood	1-3 days
Feline Anaemia Panel Plus Complete Blood Panel	Mhf, CMhm, CBC & Biochemistry	1.3ml EDTA whole blood and 1.3ml clotted whole blood in serum tube	1-3 days
Feline Coronavirus		1) 1.3ml EDTA whole blood 2) 2ml ascites or body fluid	1-3 days
Feline Calicivirus		1) Nasal or oropharyngeal dry swab or 2) nasal biopsy or 3) lung tissue	1-3 days
Feline Diarrhoea Panel	Cryptosporidium species, Giardia intestinalis, Feline coronavirus, Feline panleukopenia virus, Tritrichomonas foetus	1) 3g faeces or 2) rectal swab	1-3 days
Feline Herpesvirus		1) Nasal dry swab or 2) pharyngeal dry swab, or 3) oral dry swab or ocular (cornea) dry swab	1-3 days
Feline Immunodeficiency Virus (FIV)		1.3ml EDTA whole blood	1-3 days
Feline Leukemia Virus (FeLV)		1.3ml EDTA whole blood	1-3 days
Feline Panleukopenia Virus		1) 3g faeces or 2) rectal swab	1-3 days
Feline Respiratory Panel	Bordetella spp., Feline calicivirus, Chlamydomphila felis, Feline herpesvirus, Mycoplasma felis	Oropharyngeal ± nasal ± ocular dry swab. Fresh respiratory tissue	1-3 days
Mycoplasma felis		1) Dry swab from respiratory system or 2) ocular dry swab	1-3 days
Mycoplasma haemofelis		1.3ml EDTA whole blood	1-3 days
Toxoplasma gondii		1) 3g faeces in fecal collection pot or 2) fresh tissue	1-3 days

For all PCR tests, please do not use bacterial gel swab for sampling.

Individual tests in panel can be considered to order as a standalone test. Please call the Molecular section to confirm availability.

MOLECULAR PCR

All turnaround times are calculated on receipt of samples by accessioning

PCR Others	Test Includes	Sample Required	TAT
Batrachochytrium dendrobatidis		Skin swab	1-3 days
Clostridium perfringens		1) 1g faeces or 2) rectal swab or 3) Colonic flush	1-3 days
Dermatophytosis Panel	<i>M. canis</i> <i>M. gypseum</i>	Plucked hair or skin scraping placed in plain sterile tube	1-3 days
Giardia intestinalis		3g faeces in faecal collection pot	1-3 days
Lawsonia intracellularis		3g faeces in faecal collection pot or 1.3mL EDTA whole blood	1-3 days
Microsporium canis		Plucked hair or skin scraping placed in plain sterile tube	1-3 days
Microsporium gypseum		Plucked hair or skin scraping placed in plain sterile tube	1-3 days
Mycobacterium species	Various mycobacterium spp.	Tissues from lymph nodes or faeces	1-3 days
Mycobacterium Tuberculosis Complex	<i>M. tuberculosis</i> <i>M. africanu</i> <i>M. canetti</i> <i>M. bovis</i> <i>M. microti</i>	Tissues from lymph nodes or faeces	1-3 days
Mycoplasma species	This PCR is designed to have the broadest detection profile possible to the respiratory Mycoplasma spp.	Dry oropharyngeal ± nasal ± ocular swab. Fresh respiratory tissue	1-3 days
Pan-fungal	Sanger sequencing if gel PCR positive		14 days
Psittacine beak and feather disease virus		1) Plucked feather or 2) Blood	1-3 days
Tritrichomonas foetus		3g faeces in faecal collection pot	1-3 days

For all PCR tests, please do not use bacterial gel swab for sampling.

Individual tests in panel can be considered to order as a standalone test. Please call the Molecular section to confirm availability.

MOLECULAR PCR

All turnaround times are calculated on receipt of samples by accessioning

Rodent Specific PCR	Test Includes	Sample Required	TAT
Aspiculuris tetraptera	Pinworm detection in faeces	5 faecal pellets min from individual or pooled from the cage	1-3 days
Syphacia obvelata	Pinworm detection in faeces	5 faecal pellets min from individual or pooled from the cage	1-3 days
Syphacia muris	Pinworm detection in faeces	5 faecal pellets min from individual or pooled from the cage	1-3 days
Mouse hepatitis virus (MHV)	MHV detection in faeces	5 faecal pellets min from individual or pooled from the cage	1-3 days
Pinworm panel (includes Aspiculuris tetraptera, Syphacia obvelata and Syphacia muris)	Pinworm detection in faeces	5 faecal pellets min from individual or pooled from the cage	1-3 days
Pinworm + MHV panel (includes Aspiculuris tetraptera, Syphacia obvelata, Syphacia muris and MHV)	Pinworm and MHV detection in faeces	5 faecal pellets min from individual or pooled from the cage	1-3 days

For all PCR tests, please do not use bacterial gel swab for sampling.

Individual tests in panel can be considered to order as a standalone test. Please call the Molecular section to confirm availability.

SEROLOGY TESTING

All turnaround times are calculated on receipt of samples by accessioning

Tests	Diagnostic Detection	Sample Required	TAT
Giardia	Antigen	3g faeces	1-3 days
Canine Dirofilaria immitis and D. repens	Antigen	1.3mL clotted whole blood in serum tube	1-3 days
Canine Vaccination Titre (Canine Infectious Hepatitis Virus, Parvovirus, Distemper Virus)	Antibody	1.3mL clotted whole blood in serum tube	1-3 days
Canine Antinuclear Antibody (ANA)^(R)	Antibody	1.3mL clotted whole blood in serum tube	7 days
Feline Toxoplasma gondii IgM	Antibody	1.3mL clotted whole blood in serum tube	1-3 days
Feline Toxoplasma gondii IgG	Antibody	1.3mL clotted whole blood in serum tube	1-3 days
Feline Vaccination Titre (Feline Panleukopenia Virus, Herpes Virus, Calici Virus)	Antibody	1.3mL clotted whole blood in serum tube	1-3 days
Rabbit Encephalitozoon cuniculi IgM	IFAT	1.3mL clotted whole blood in serum or plasma tube	1-3 days
Rabbit Encephalitozoon cuniculi IgG	IFAT	1.3mL clotted whole blood in serum or plasma tube	1-3 days

(R) = Referral Test

GENETICS TESTING^(R)

Turnaround time: 2 weeks

All turnaround times are calculated on receipt of samples by accessioning

Single Genetic Disease

DNA test of a specific disease or trait and includes:

Canine

- Arrhythmogenic Right Ventricular Cardiomyopathy
- Cone Degeneration
- Congenital Hypothyroidism
- Congenital Myotonia
- Cyclic Neutropenia / Gray Collie Syndrome
- Copper Toxicosis
- Exercise Induced Collapse
- Factor IX / Haemophilia B
- Factor VII Deficiency
- Gangliosidosis
- Hereditary Nephropathy
- Juvenile Dilated Cardiomyopathy
- Ivermectin and Multi Drug Sensitivity
- Musladin-Lueke Syndrome
- Mucopolysaccharidosis VII
- Narcolepsy
- Neuronal Ceroid Lipofuscinosis
- Osteogenesis Imperfecta
- Phosphofructokinase Deficiency
- Pyruvate Kinase Deficiency
- Primary Open Angle Glaucoma
- von Willebrand's Disease
- Cobalamin Malabsorption
- Collie Eye Anomaly
- Canine Leucocyte Adhesion Deficiency
- Canine Multifocal Retinopathy Type 1
- Congenital Stationary Night Blindness
- Degenerative Myelopathy
- Fucosidosis
- Familial Nephropathy
- Globoid Cell Leukodystrophy/Krabbe's Disease
- Hereditary Cataracts
- Hyperuricosuria
- L-2-Hydroxyglutaric Aciduria
- Malignant Hyperthermia
- Mucopolysaccharidosis
- Multifocal Retinopathy
- Neonatal Cortical Cerebellar Abiotrophy
- Neonatal Encephalopathy with Seizures
- Pyruvate Dehydrogenase Phosphatase 1 Deficiency
- Primary Hyperoxaluria
- Primary Lens Luxation
- Severe Combined Immune Deficiency

Plus many more (contact lab to ask about other specific diseases/traits).

Feline

- Blood Group
- Familial Hypertrophic Cardiomyopathy
- Gangliosidosis 1
- Polycystic Kidney Disease
- Progressive Retinal Atrophy
- Spinal Muscular Atrophy
- Familial Episodic Hypokalaemic Polymyopathy
- Familial Hypertrophic Cardiomyopathy
- Gangliosidosis 2
- Pyruvate Kinase Deficiency
- Progressive Retinal Atrophy

Plus many more (contact lab to ask about other specific diseases/traits).

Sample Required

EDTA blood or dry cheek swab

GENETICS TESTING^(R)

All turnaround times are calculated on receipt of samples by accessioning

Genetics Testing	Test Includes	Sample Required	TAT
Breed Identification Test (Turnaround time 5-6 weeks)	DNA test to identify the breeds present in a mixed-breed dog. Can also be used to verify a breed.	Dry cheek swab (please contact lab for delivery of the swab)	5-6 weeks
Canine General Plan	Degenerative Myelopathy; Hereditary Cataract; Hyperuricosuria; Multi Drug and Ivermectin Sensitivity.	EDTA blood	2 weeks
Canine Comprehensive Plan	Cobalamin Malabsorption; Degenerative Myelopathy; Hereditary Cataract; Hyperuricosuria; Multi Drug and Ivermectin Sensitivity; von Willebrand's Disease.	EDTA blood	2 weeks
Canine Breeding Plan	Degenerative Myelopathy; Hyperuricosuria; Malignant Hyperthermia; Multi Drug and Ivermectin Sensitivity.	EDTA blood	2 weeks
Feline General Plan	Familial Hypertrophic Cardiomyopathy; Hyperoxaluria; Polycystic Kidney Disease; Vitamin D-dependent rickets.	EDTA blood	2 weeks
Feline Comprehensive Plan	Haemophilia B; Familial Hypertrophic Cardiomyopathy; Hyperoxaluria; Polycystic Kidney Disease; Progressive Retinal Atrophy; Vitamin D-dependent rickets.	EDTA blood	2 weeks
Feline Breeding Plan	Blood Group B; Haemophilia B; Familial Hypertrophic Cardiomyopathy; Polycystic Kidney Disease.	EDTA blood	2 weeks

EXPORT/QUARANTINE TESTING^(R)

All turnaround times are calculated on receipt of samples by accessioning

Tests	Sample Required	TAT
Brucella canis SAT	minimum 1mL serum in plain tube	3 weeks
Ehrlichia canis IFAT	minimum 1mL serum in plain tube	3 weeks
Leishmania infantum IFAT	minimum 1mL serum in plain tube	3 weeks
Leptospira canicola MAT	minimum 1mL serum in plain tube	3 weeks
Rabies Virus FAVN	minimum 1mL serum in plain tube	3 weeks

Please contact us for details.

(R) = Referral Test

CityU Veterinary Diagnostic Laboratory



LinkedIn



Submission
Form



Website

OPENING HOURS

MONDAY - FRIDAY

9:00 AM - 7:00 PM

SATURDAY

9:00 AM - 5:30 PM


SUNDAY

2:00 PM - 5:30 PM


PUBLIC HOLIDAY

CLOSED

 info@cityuvdl.com.hk

 (+852) 3442 4849

 (+852) 3442 0819

 Y1710, 1/F, Yellow Zone,
Yeung Kin Man Academic Building
City University of Hong Kong
83 Tat Chee Avenue, Kowloon Tong, Hong Kong



香港城市大學
City University of Hong Kong



VETERINARY
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