

Easter Bush Pathology
The Royal (Dick) School of Veterinary Studies
The University of Edinburgh
Easter Bush Campus
Midlothian
EH25 9RG

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# PRICE LIST August 2017-July 2018

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Necropsy		
Item	Price	
NO Necropsy (research mice x1)	£30.00	
N1 Necropsy (0-5kg) gross only	£60.00	
N12 Necropsy (0-5kg) + histopath up to 8 slides	£155.00	
N13 Necropsy (6-25kg) gross only	£120.00	
N14 Necropsy (6-25kg) + histopath up to 8 slides	£215.00	
N15 Necropsy (26-100kg) gross only	£175.00	
N16 Necropsy (26-100kg) + histopath up to 8 slides	£270.00	
N17 Necropsy (101-250kg) gross only	£250.00	
N18 Necropsy (101-250kg) + histopath up to 8 slides	£345.00	
N19 Necropsy (>250kg) gross only	£300.00	
N20 Necropsy (>250kg) + histopath up to 8 slides	£395.00	
N24 Necropsy additional histopathology (per slide)	£13.00	
FSA3 Forensic interpretation of gross pathology pictures	£130.00	



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Cytology		
Item	Price	
HC1 Bone Marrow smears cytology only	£42.00	
HC2 Bone marrow smears cytology + formalin fixed core (per sample)	£68.00	
HC3 FNA Cytology (1st site) (FNA, touch imprint, smears)	£30.00	
HC4 FNA Cytology (each additional site) (FNA, touch imprint, smears)	£17.00	
HC5 Cytology single fluid (pleural, pericardial, peritoneal, synovial, BAL)	£30.00	
HC6 Cytology additional fluid (per fluid)	£17.00	
HC7 Cytology + formalin fixed biopsy (per sample)	£60.00	
HC8 Cytology Immunocytochemistry (external lab) (1-2 antibodies)	£90.00	
Special stains (smears and fluids) Gram's	£17.00	
Special stains (smears and fluids) Acid-fast organisms	£17.00	
Special stains (smears and fluids) Other tinctorial stains	£17.00	
EH1 Enzyme histochemistry	£25.00	
FC1 Cytology Flow cytometry (antibody panel) Canine	£135.00	
FC2 Cytology Flow cytometry (antibody panel) Feline	£60.00	

Biopsy		
Item	Price	
HB1 Biopsy (small biopsies up to 3 sites, masses up to 4cm diameter)	£47.00	
HB2 Extra large or complex biopsy (incl multiple margin checks; whole limbs or organs)	£115.00	
HB3 Biopsy with decalcification	£55.00	
HB4 Biopsy extra large with decalcification (incl whole limbs; entire organs)	£125.00	
HB5 Duplicate H & E section	£5.00	
HB6 PARR testing	£110.00	
HB7 Canine liver panel - H&E, Masson's trichrome, copper stain (rhodanine red)	£70.00	
HB8 Equine liver panel - H&E, Masson's trichrome, Perls' iron	£70.00	
HB9 Skin special panel - PAS, Gram, ZN (does not include H&E which must be requested first)	£21.00	
HM1 Muscle samples up to 3 sites (fresh and fixed)	£130.00	
HM2 Muscle samples additional site over 3 sites (fresh and fixed)	£35.00	
HCR1 Cryostat section (each section)	£60.00	
HCR2 Cryostat sections (2-4 tissues)	£70.00	
HCR3 Cryostat + fixed sample (per sample)	£85.00	
HI1 Interpretation of referral blocks (cutting staining and interpretation)	£50.00	
HI2 Interpretation of referral slides (per slide)	£40.00	
HIH1 Immunohistochemistry (1 antibody - per block)	£38.00	
HIH2 Immunohistochemistry (2 antibodies - per block)	£64.00	
HIH3 Immunohistochemistry (3 antibodies - per block)	£90.00	
HIH4 Immunohistochemistry (4 antibodies - per block)	£120.00	



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Histology special stains				
lkow	<b>x1</b>	x 2-4	x 5-9	≥10
Item	Per slide	Per slide	Per slide	Per slide
S1. ALCIAN BLUE	£17.00	£10.00	£8.50	£7.00
S12. ALCIAN BLUE HYALURONIDASE DIGESTION	£17.00	£10.00	£8.50	£7.00
S13. ALCIAN BLUE PERIODIC ACID SCHIFF	£17.00	£10.00	£8.50	£7.00
S14. ALIZARIN RED S	£17.00	£10.00	£8.50	£7.00
S15. CARBOL CHROMOTROPE	£17.00	£10.00	£8.50	£7.00
S16. CONGO RED (Alkaline)	£17.00	£10.00	£8.50	£7.00
S17. COPPER (RHODANINE STAIN)	£17.00	£10.00	£8.50	£7.00
S18. DIAZO REACTION (Fast red salt B)	£17.00	£10.00	£8.50	£7.00
S19. FOUCHET-VAN GEISON	£17.00	£10.00	£8.50	£7.00
S21. GIEMSA	£17.00	£10.00	£8.50	£7.00
S20. (GROCOTTS) GOMORI'S METHENAMINE SILVER	£17.00	£10.00	£8.50	£7.00
S21. GORDON & SWEETS RETICULIN	£17.00	£10.00	£8.50	£7.00
S22. GRAM	£17.00	£10.00	£8.50	£7.00
S23. GRIMELIUS	£17.00	£10.00	£8.50	£7.00
S24. GRIMELIUS (Short technique)	£17.00	£10.00	£8.50	£7.00
S25. HOLMES SILVER	£17.00	£10.00	£8.50	£7.00
S26. JONES METHENAMINE SILVER	£17.00	£10.00	£8.50	£7.00
S27. LEISHMAN	£17.00	£10.00	£8.50	£7.00
S29. LUXOL FAST BLUE	£17.00	£10.00	£8.50	£7.00
S28. LFB/HOLMES	£17.00	£10.00	£8.50	£7.00
S30. MARTIUS SCARLET BLUE (MSB)	£17.00	£10.00	£8.50	£7.00
S31. MASSON FONTANA	£17.00	£10.00	£8.50	£7.00
S32. MASSON TRICHROME	£17.00	£10.00	£8.50	£7.00
S33. METHYL GREEN PYRONIN	£17.00	£10.00	£8.50	£7.00
S34. METHYL VIOLET	£17.00	£10.00	£8.50	£7.00
S35. MILLERS ELASTIN STAIN	£17.00	£10.00	£8.50	£7.00
S36. OIL RED O	£17.00	£10.00	£8.50	£7.00
S37. PERIODIC ACID SCHIFF	£17.00	£10.00	£8.50	£7.00
S38. PERIODIC ACID SCHIFF DIASTASE	£17.00	£10.00	£8.50	£7.00
S39. PEARLS PRUSSIAN BLUE REACTION	£17.00	£10.00	£8.50	£7.00
S40. PHLOXINE TARTRAZINE	£17.00	£10.00	£8.50	£7.00
S43. SAFRANIN O	£17.00	£10.00	£8.50	£7.00
S42. PICRO SIRIUS RED	£17.00	£10.00	£8.50	£7.00
S41. PHOSPHOTUNGSTIC ACID HAEMATOXYLIN	£17.00	£10.00	£8.50	£7.00
S44. SCHMORL	£17.00	£10.00	£8.50	£7.00
S45. TOLUIDINE BLUE	£17.00	£10.00	£8.50	£7.00
S46. VAN GIESON	£17.00	£10.00	£8.50	£7.00
S47. VON KOSSA	£17.00	£10.00	£8.50	£7.00
S48. WARTHIN STARRY (YOUNGS MODIFICATION)	£17.00	£10.00	£8.50	£7.00
S49. ZIEHL-NEELSEN	£17.00	£10.00	£8.50	£7.00
S50. CRESYL FAST VIOLET	£17.00	£10.00	£8.50	£7.00



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Small animal profiles			
Item	Tests included	Price	
Canine basic profile	PCV Albumin, ALP, ALT, chloride, creatinine, globulins, glucose, potassium, protein total, sodium, urea	£32.00	
Canine General profile	Routine haematology  Albumin, ALT, AP, bile acids, bilirubin, calcium total, chloride, cholesterol, creatinine, globulins, glucose, phosphate, potassium, protein total, sodium, triglycerides, urea	£48.00	
Canine General profile (Biochemistry only)	Albumin, ALT, AP, bile acids, bilirubin, calcium total, chloride, cholesterol, creatinine, globulins, glucose, phosphate, potassium, protein total, sodium, triglycerides, urea	£32.50	
Canine comprehensive profile	Routine haematology and pathologist's smear report  Albumin, ALT, AP, bile acids, bilirubin, chloride, cholesterol, CK, creatinine, globulins, glucose, calcium ionised, calcium total, magnesium, phosphate, potassium, protein total, sodium, triglycerides, urea	- £62.00	
Feline basic profile	PCV Albumin, ALT, bilirubin, chloride, creatinine, globulins, glucose, potassium, protein total, sodium, urea	£32.00	
Feline General profile	Routine haematology  Albumin, ALT, AP, bile acids, bilirubin, calcium total, chloride, creatinine, globulins, glucose, phosphate, potassium, protein total, sodium, urea	_ £52.00	
Feline General profile (biochemistry only)	Albumin, ALT, AP, bile acids, bilirubin, calcium total, chloride, creatinine, globulins, glucose, phosphate, potassium, protein total, sodium, urea	£36.50	
Feline Comprehensive profile	Routine haematology and pathologist's smear report  Albumin, ALT, AP, bile acids, bilirubin, calcium total, chloride, creatinine, GGT, globulins, glucose, phosphate, potassium, sodium, T4, urea, protein total	_ £72.00	
Canine Pre-treatment Oncology	Routine haematology	£20.00	
Feline Pre-treatment Oncology	Routine haematology and automated platelet count	£25.50	
Rabbit profile	Routine haematology and pathologist's smear report  Albumin, AST, bile acids, CK, calcium ionised, calcium total, creatinine, GGT, globulins, phosphate inorganic, LDH, potassium, protein total, sodium	£40.00	
Reptile and avian profile	Routine haematology and pathologist's smear report  Albumin, amylase, AST, calcium total, CK, creatinine, GGT, globulins, glucose, LDH, phosphate inorganic, potassium, protein total, sodium, uric acid	£45.00	



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	Equine profiles	
ltem	Tests included	Price
Basic screen	Routine haematology  Albumin, AP, AST, CK, creatinine, GGT, globulins, protein total, urea	£39.00
Electrolytes	calcium total, chloride, magnesium, PO4, potassium, sodium	£30.00
Endocrine	ACTH time 0, ACTH time 10, ACTH time 30, cortisol pre, cortisol post	£90.00
Euthanasia profile	ACTH, albumin, cortisol, creatinine, GGT, GLDH, globulins, glucose, insulin, protein total, triglycerides	£54.00
Fitness profile	Routine haematology Albumin, AST, calcium total, CK, globulins, magnesium, phosphate total, protein total	£38.00
Inflammatory	Routine haematology  Albumin, fibrinogen, globulins, protein total	£38.00
Intestinal parasite	Total AP, fibrinogen, SIAP, tapeworm ELISA	£48.50
Intestinal parasite	Worm egg count	£54.00
(plus worm egg count)	Total AP, fibrinogen, SIAP, tapeworm ELISA	154.00
Liver	Routine haematology  Albumin, AP, AST, bile acids, bilirubin, GGT, GLDH, LDH, globulins, protein total	£43.50
Metabolic	Albumin, creatinine, GGT, GLDH, insulin time 0, insulin time 45, globulins, glucose, triglycerides, TG, protein total	£88.00
Muscle	Routine haematology AST, CK, creatinine, urea	£32.50
	Routine haematology	
Racehorse profile	Albumin, AP, AST, CK, creatinine, fibrinogen, GGT, globulins, Protein total	£44.00
	Routine haematology	
Renal	Albumin, calcium total, creatinine, globulins, PO <sub>4</sub> , protein total, urea	£38.00
Urine fractional excretion profile	Calcium total, chloride, creatinine urine, creatinine serum, magnesium, phosphate, potassium, sodium	£48.00
	Large animal profiles	
Item	Tests included	Price
Ruminant metabolic profile	Albumin, BHB, calcium total, globulins, GSH-Px, magnesium, NEFA, PCV, phosphate inorganic, protein total	£32.00
Liver damage profile (large animals)	AST, bile acids, bilirubin conjugated, bilirubin total, GLDH, GGT	£28.00



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Standard bi	ochen	nistry t	tests		
ltem	x1 price per test	x2-3 price per test	x4-9 price per test	≥10 price per test	≥10 of same test price per test
Albumin	£9.00	£7.50	£5.50	£4.00	£3.50
ALT	£9.00	£7.50	£5.50	£4.00	£3.50
amylase	£9.00	£7.50	£5.50	£4.00	£3.50
AP	£9.00	£7.50	£5.50	£4.00	£3.50
AST	£9.00	£7.50	£5.50	£4.00	£3.50
ВНВ	£9.00	£7.50	£5.50	£4.00	£3.50
bile acids	£9.00	£7.50	£5.50	£4.00	£3.50
bilirubin (conjugated)	£9.00	£7.50	£5.50	£4.00	£3.50
bilirubin (total)	£9.00	£7.50	£5.50	£4.00	£3.50
calcium (ionised)	£9.00	£7.50	£5.50	£4.00	£3.50
calcium (total)	£9.00	£7.50	£5.50	£4.00	£3.50
chloride	£9.00	£7.50	£5.50	£4.00	£3.50
cholesterol	£9.00	£7.50	£5.50	£4.00	£3.50
СК	£9.00	£7.50	£5.50	£4.00	£3.50
copper	£9.00	£7.50	£5.50	£4.00	£3.50
creatinine	£9.00	£7.50	£5.50	£4.00	£3.50
GGT	£9.00	£7.50	£5.50	£4.00	£3.50
GLDH	£9.00	£7.50	£5.50	£4.00	£3.50
globulin (no charge - derived from TP & alb)					
glucose	£9.00	£7.50	£5.50	£4.00	£3.50
GSH-Px	£9.00	£7.50	£5.50	£4.00	£3.50
inorganic phosphate	£9.00	£7.50	£5.50	£4.00	£3.50
LDH	£9.00	£7.50	£5.50	£4.00	£3.50
lipase	£9.00	£7.50	£5.50	£4.00	£3.50
magnesium	£9.00	£7.50	£5.50	£4.00	£3.50
NEFA	£9.00	£7.50	£5.50	£4.00	£3.50
potassium	£9.00	£7.50	£5.50	£4.00	£3.50
protein (total)	£9.00	£7.50	£5.50	£4.00	£3.50
SIAP	£9.00	£7.50	£5.50	£4.00	£3.50
sodium	£9.00	£7.50	£5.50	£4.00	£3.50
triglyceride	£9.00	£7.50	£5.50	£4.00	£3.50
urea	£9.00	£7.50	£5.50	£4.00	£3.50
uric acid	£9.00	£7.50	£5.50	£4.00	£3.50



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#### Biochemistry and endocrine tests with individual prices **Price from** Item 0815 ACTH £27.00 Ammonia £12.00 Bile acid stimulation test (pre and post) £15.00 Cortisol - pre & 2 post £42.00 Cortisol - pre & post £36.00 Cortisol - single £26.00 C-reactive protein (canine) £16.00 Digoxin £30.00 Fructosamine £14.50 Gamma globulins £20.00 Insulin (equine) £32.00 Lead £20.00 Phenobarbitone £22.00 Potassium bromide £38.00 Serum protein electrophoresis (with interpretation) £25.00 Serum protein electrophoresis (without interpretation) £20.00 Total T4 (canine, feline) £19.50 T4 x2 (canine, feline) £35.00 T4 additional to profile (canine, feline) £15.50 TSH (canine) £24.50 T4 and TSH (canine) £36.50 TLI (canine) £40.00 TLI (feline) £54.00 TLI, folate & B12 (canine) £61.00 TLI, folate & B12 (feline) £83.00 Troponin £36.00

Zinc

£19.00



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Routine haematology		
Item	Price	
RBC, PCV, Hb, MCV, MCHC, WBC, differential WBC, automated platelet and automated reticulocyte count	£20.00	
RBC, PCV, Hb, MCV, MCHC, WBC, differential WBC, automated platelet and automated reticulocyte count (additional to 4 or more biochemistry tests)	£17.00	
Routine haematology and manual platelets	£30.00	

Haematology individual tests		
ltem	Price	
PCV (spun)	£7.00	
WBC & differential count	£15.00	
Platelets (automated count)	£7.00	
Platelets (manual count)	£14.00	
Reticulocytes (automated count)	£7.00	
Reticulocytes (manual count)	£11.00	
Pathologist's blood smear report	£14.00	
Buffy coat smear and examination	£15.50	
Crossmatching of donor and recipient blood (please contact lab prior to submission)	£50.00	
Crossmatching - Additional donor blood sample (submitted at same time)	£30.00	

Coagulation tests		
Item	Price	
Prothrombin time	£15.50	
APTT	£16.50	
D-dimer (canine and equine)	£24.00	
Coagulation profile 1 (PT, APTT, fibrinogen)	£40.00	
Coagulation profile 2 (PT, APTT, fibrinogen, D-dimer)	£55.00	
Fibrinogen	£17.00	



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Faecal tests		
Item	Price	
Faecal parasites (Strongyles, Ascarids, Coccidia)	£14.00	
Faecal parasites including Giardia (immunological Giardia test)	£29.00	
Faecal concentration/sedimentation	£18.00	
Fluke eggs	£14.00	
Giardia (immunological test)	£18.00	
Lungworm larvae	£20.00	
Occult blood	£16.00	

Serology			
ltem	Price		
FeLV/FIV package	£33.00		
Anoplocephala tapeworm ELISA	£28.00		

Skin tests			
Item	Price		
Ectoparasites (microscopic examination)	£15.00		



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Urine analysis		
Item	Price	
Urine analysis (centrifuged deposit, SG, dipstick)	£16.50	
Urine bacteriology (add on to urine analysis)	£33.00	
Urine protein:creatinine ratio	£19.50	
Urine cortisol:creatinine ratio	£37.00	
Urine fractional excretion profile (Ca, Cl, K, Mg, Na, PO <sub>4</sub> , creatinine (urine and serum))	£48.00	
Urine Bence-Jones proteins	£26.00	

Fluid analysis						
ltem	Price	2 joints (per joint)	3 joints (per joint)	4 joints (per joint)	5 joints (per joint)	6 joints (per joint)
FA1 - cell count	£10.00	£8.00	£7.00	£6.50	£6.00	£5.50
FA2 - total protein, cell count	£17.00	£14.00	£12.00	£9.50	£8.50	£8.00
FA3 (synovial fluid analysis, basic) - total protein, cell count, differential count (mononuclear/granulocyte differential only)	£28.00	£19.50	£15.00	£13.00	£12.00	£10.00
FA3A (synovial fluid analysis, full) - total protein, cell count, full cytology	£37.00	£26.00	£18.00	£15.00	£13.00	£12.00
FA4 (full fluid analysis - pleural/peritoneal/etc) - total protein, cell count, full cytology	£40.00	N/A	N/A	N/A	N/A	N/A
FA5 (Feline infectious peritonitis fluid) - total protein, SPE, total cell count, full cytology	£50.00	N/A	N/A	N/A	N/A	N/A



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Microbiology					
Item		2 samples Price per sample	3 samples Price per sample		
Culture & routine sensitivity (including anaerobic & mycoplasma as appropriate, excl. urine)	£33.00	£25.00	£21.50		
Direct microscopy examination for bacteria	£14.00				
Combined bacterial and Aspergillus/yeast culture and fungal molecular identification	£45.00				
Blood culture (up to 3 samples = 1 examination)	£33.00				
Faeces screen (Salmonella sp, Campylobacter sp, Yersinia sp)	£35.00				
Faeces screen (Salmonella sp only)	£20.00				
Faecal culture (add on to faecal parasites)	£30.00				
Haemorrhagic Faeces Screen (Salmonella, Yersinia, Campylobacter, Clostridium perfringens culture and toxin test)	£45.00				
Clostridium perfringens toxin test only	£20.00				
Milk bacteriology (culture only)	£20.00				
MRSA/MRSP screen (direct plating)	£15.00				
Urine bacteriology (add on to urine analysis)	£33.00				
Urine bacteriology (quantitative analysis) Please advise how sample was collected	£38.00				
Fish bacteriology (culture only)	£18.00				
Environmental screen swab (culture)	£20.00				

Mycology	
Item	Price
Aspergillus/yeast culture and molecular identification	£18.00
Dermatophyte culture and molecular identification (ringworm - takes up to 21 days)	£27.00
Combined bacterial and Aspergillus/yeast culture and fungal molecular identification	£45.00