

COMPANION ANIMAL

Turnaround Times and Sample Types 2008-2009



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COMPANION ANIMAL Name of Test	NZVP 2008-2009 Turnaround Time	NZVP 2008-2009 Sample Type
PROFILES		
Sick Animal Panel AGR, Albumin, ALP, ALT, AST, Bilirubin, Calcium, Chloride, Cholesterol, CK, Creatinine, Globulin, Potassium, Sodium, Na:K Ratio, Phosphate, Total Protein, Urea (Amylase in dogs) Plus CBC	Same Day Same Day	Serum EDTA
Geriatric/Pre Anaesthetic Panels 1:AG Ratio, Alb, ALP, ALT, Ca, Creat, Glob, K, Na, Na:K Ratio, TP, Urea 2:AG Ratio, Alb, ALP, ALT, Ca, Creat, Glob, K, Na, Na:K Ratio, TP, Urea + CBC 3:AG Ratio, Alb, ALP, ALT, Ca, Creat, Glob, K, Na, Na:K Ratio, TP, Urea + CBC + T4 4:AG Ratio, Alb, ALP, ALT, Ca, Creat, Glob, K, Na, Na:K Ratio, TP, Urea + CBC + T4 + Urine	Same Day Same Day Same Day Same Day	Serum Serum + EDTA Serum + EDTA Serum + EDTA
Feline Diabetic Panel AG Ratio, Alb, ALP, ALT, Ca, Chol, Cl, Creat, Glob, K, Na, Na:K Ratio, PO4, TP, Urea, & Fructosamine	Same Day	Serum
Kidney Panel Alb, Ca, Cl, Creat, K, Na, Na:K Ratio, PO4, Urea Alb, Ca, Cl, Creat, K, Na, Na:K Ratio, PO4, Urea + Urinalysis	Same Day Same Day	Serum Urine
Liver Panel AG Ratio, Alb, ALP, ALT, Bilirubin, Globulin, TP	Same Day	Serum
Pancreatic Panel Amylase, Creatinine, Lipase	Same Day	Serum
BIOCHEMISTRY		
Albumin	Same Day	Serum
ALP	Same Day	Serum
ALT	Same Day	Serum
Amylase (canine)	Same Day	Serum
AST	Same Day	Serum
B12/Folate	2-3 days	Serum
Bicarbonate	Same Day	Serum
Bile Acids (Single)	Same Day	Serum
Bile Acids (Pre & Post)	Same Day	Serum
Calcium (ionised)	2-3 days	Serum
Calcium (total)	Same Day	Serum
Chloride	Same Day	Serum
Cholesterol	Same Day	Serum
CK	Same Day	Serum
Creatinine	Same Day	Serum
Electrophoresis	3-5 days	Serum
Fructosamine	Same Day	Serum
Glucose (fluoride oxalate)	Same Day	Flurox
Iron screen	Same Day	Serum
Lipase (canine)	Same Day	Serum
Magnesium	Same Day	Serum
Osmolality	Same Day	Serum
Phosphate	Same Day	Serum
Potassium	Same Day	Serum
Sodium	Same Day	Serum
TLI (canine)	Batched Fridays	>6hr fasted sample

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Total Bilirubin	Same Day	Serum
Total Protein	Same Day	Serum
Triglycerides	2-3 days	Serum
Urea	Same Day	Serum
Uric acid	Next Day	Serum
HAEMATOLOGY		
CBC (Hct, Hb, RCC, MCV, MCH, MCHC, PLT, WCC + Diff)	Same Day	EDTA
ABC (Hct, Hb, RCC, MCV, MCH, MCHC, PLT, WCC – No Diff)	Same Day	EDTA
White Blood Cell Count (incl Diff)	Same Day	EDTA
Platelet Count	Same Day	EDTA
Coagulation Profile	Same Day	Citrate
Prothrombin Time (PT)	Same Day	Citrate or EDTA
vW Factor (Canine)	Fridays	Citrate
Coombs	Same Day	EDTA
Cross match	Same Day	EDTA
Canine Blood Type	Same Day	EDTA
Feline Blood Type	Same Day	EDTA
Buffy coat (mast cells)	Same Day	EDTA
Parasite scan only (on smear)	Same Day	EDTA
ENDOCRINOLOGY		
Cortisol		
ACTH Stim samples X 2 (0 hour + 1 hour)	Same Day	Serum
HDDST samples X 2 (0 hour + 8 hours)	Same Day	Serum
LDDST samples X 3 (0 hour + 4 hours + 8 hours)	Same Day	Serum
Single	Same Day	Serum
Urine Cortisol: Creatinine ratio	Same Day	Serum
T4 (Total thyroxine)	Same Day	Serum
TSH (endogenous)	Batched Mondays	Serum
Insulin	1 week	Non-haemolysed serum
AVIAN		
Profile (AST, GDH, CK, TP, Ca, PO4)	Same Day	Serum
Beak & Feather Disease PCR (PBFD)	2-4 weeks	2-3 plucked feathers & blood spots on paper
Bile Acid	Next Day	Serum
Uric acid	Next Day	Serum
CBC	Same Day	EDTA
Chlamydia Antigen ELISA	1-2 days	Non-wooden dry swab
Faecal Gram Stain	Same Day	Faeces/Smear
Sexing	2-4 weeks	Feathers
Zinc (liver)	Next Day	Liver
Zinc (serum)	Next Day	Serum
CYTOLOGY		
FNA/Smears		
Single site	Same Day	Smear
Additional site	Same Day	Smear
Fluids		
Single	Same Day	EDTA and plain tube
Additional	Same Day	EDTA and plain tube
Histo/Cyto Package (single biopsy plus single site cyto from same mass)		
Cytology	Same Day	Smear
Histology	3 days	Fixed
CSF exam	Same Day	EDTA and plain tube
Bone marrow smears	Same Day	Smear
HISTOLOGY		
Single tissue or Single Skin Biopsy	2 days(bone 1 week)	Fixed
Multiple Tissues or Multiple Skin Biopsies	2 days	Fixed

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Margin Reassessment	2 days	Fixed
Histo/Cyto Package (single biopsy plus single site cyto from same mass)	up to 3 days	Fixed
Lymphoma IHC	1 to 2 weeks	Fixed
NECROPSY		
Birds, Rodents, exotics under 1kg	Next Day	Chilled
Animals under 10kg (includes disposal)	Next Day	Chilled
Animals over 10kg (includes disposal)	Next Day	Chilled
IMMUNOLOGY		
2M Antibody Titre	4 weeks	Serum
ACH Receptor Antibody Titre	4 weeks	Serum
ANA	5 days	Serum
Canine distemper SNT	4 days	Serum and/or CSF
Canine heartworm serology	1 week	Serum
Canine parvovirus Ag	Same Day	Faeces
Chlamydia Ag ELISA		
Avian	4 weeks	Swab
Feline	4 weeks	Swab
Chlamydia isolation	1 month	Swab
Cryptococcal Ag (LCAT)	3 days	Serum
DNA Parentage Tests (per sample)	3 weeks	Buccal swabs
Ehrlichia canis Ab	4 days	Serum
FeLeuk Ag	Same Day	Serum
FIP (Coronavirus Ab) – ELISA Semi Quantitative	4 weeks	Serum
Urgent	3-4 days	Serum
FIV (Ab)	Same Day	Serum
FIV (Ab) + FeLeuk (Ag)	Same Day	Serum
Leptospirosis Ab titre or MAT	4 days	Serum
Leptospirosis Export	4 days	Serum
Neospora	3 days	Serum and/or CSF
Rabies export (plus courier fee)	4 weeks	Serum
Rheumatoid factor	5 days	Serum
Toxoplasma Ab titre	3 days	Serum and/or CSF
PCR		
Feline Respiratory Screen (Calci, Herpes, Chlamydia)	4 weeks	Plastic handled dry swab
FIV	3 weeks	EDTA
Polycystic Kidney Disease (PKD)	4 weeks	Buccal swabs
Tritrichomonas fetus (faeces)	1 week	Faeces
MICROBIOLOGY		
Gastro-Intestinal Panel		
1. Salmonella, Campylobacter, Yersinia, FEC/Coccidia & Giardia	See individual constituents	Faeces
2. Salmonella, Campylobacter, Yersinia, Giardia & Cryptosporidia	See individual constituents	Faeces
3. Salmonella, Campylobacter, Yersinia, FEC/Cocc, Giardia & Cryptosporidia	See individual constituents	Faeces
Aerobic culture only	24/48 hours	Various
Aerobic culture+ sensitivity	24/48 hours	Various
Anaerobic culture	48/72 hours	Various
Aerobic + Anaerobic + sensitivity	24/48/72 hours	Various
Blood Culture (Bottles extra)	24/48 hours/7 days	Blood
Ear swab (culture + sensitivity + gram stain)	24/48 hours	Ear Swab
Mycology		
Dermatophytes (includes KOH)	24hrs – 1/2/3 weeks	Hair, skin scrape
Non dermatophytes	1-3 weeks	
Campylobacter	72 hours	Faeces
Salmonella	24/48 hours	Faeces
Yersinia	48 hours	Faeces

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Salmonella + Campylobacter	24/48/72 hours	Faeces
Salmonella + Yersinia	24/48 hours	Faeces
Salmonella + Campylobacter + Yersinia	24/48/72 hours	Faeces
Mycoplasma culture	3 weeks	Swab/Tissue - Mycoplasma transport media required
Occult Blood	Same Day	Faeces
Stains		
Gram	Same Day	Various
KOH	Next Day	Hair/Skin scrape
ZN	Same Day	Faeces/Smear
TB Culture	~3 months	Tissue/Faeces
PARASITOLOGY		
Cryptosporidia	Same Day	Faeces
Ectoparasite exam	Next Day	Hair/Skin scrape
FEC + Coccidia	Same Day/Next Day	Faeces
Giardia	Same Day	Faeces
Lungworm larvae	24 hours	Faeces
Parasite ID	Same Day	Worm/Ectoparasite
REPRODUCTIVE		
Oestrogen	7 days	Serum
Progesterone	Same Day	Serum
Relaxin (Lithium Heparin only)	1-2 days	Heparin
Testosterone	2 days	Serum
Vaginal smear- oestrus staging (cytology)	Same Day	Smear
THERAPEUTICS		
Digoxin	Next Day	Serum
Phenobarbitone	Same Day	Serum
Potassium bromide	Mondays	Serum
TOXICOLOGY		
1080 (tissue)	15 days	Muscle/Stomach contents/Bait
Arsenic	1 week	Hair/Kidney/Liver/Urine
Anticoagulants	15 days	Stomach Cont/Liver
Blood cholinesterase (EDTA)	3 days	EDTA
Cyanide	2 weeks	Liver
Lead (EDTA)	1 day	EDTA
Mesural	POA	Stomach contents
Metaldehyde	Same Day	Stomach contents
Organochlorine	2 weeks	Fat, muscle
Organophosphate	2 weeks	Fat, ingesta, liver, source
Strychnine	2 weeks	Stomach contents/Liver
URINALYSIS		
Urinalysis		
Full (dipstick + sediment + SG)	Same Day	Urine
Sediment only	Same Day	Urine
SG only	Same Day	Urine
SG + sediment	Same Day	Urine
Aerobic culture + sensitivity	24/48 hours	Urine
Protein: creatinine ratio	24/48 hours	Urine
Cortisol: creatinine ratio	24/48 hours	Urine