



**NationWide**  
LABORATORIES

Owners name:

Animal Name / Reference:

Species:

Breed:

Age:

Sex:  Male  Female  Neut

Clinical Details / Current Therapy:

Sample:  Serum  Plasma  Urine

Date: \_\_\_\_\_ Time(s): \_\_\_\_\_

**SUPPLIES REQUESTED:**

**NationWide Specialist Laboratories  
Assay Request Form**

Clinician:

Practice:

Address:

E-mail for results:

**THYROID**

**CANINE PROFILES**

- Platinum Profile (T4, TSH, FT4ED, TGAA)
- Copper Profile (FT4ED, TSH, T4)
- Gold Profile (TSH, FT4ED, TGAA)
- Silver Profile (TSH, FT4ED)
- Bronze Profile (TRH stim, TSH)
- Basic Profile (T4, TSH)
- Steel Profile (TGAA, FT4ED)
- Greyhound Thyroid Investigation (T4, T3, TSH, TGAA)
- Greyhound Thyroid Monitoring (T4, T3, TSH)

**FELINE PROFILES**

- Feline Hyperthyroid Profile - Silver (Total T4, ALT, ALP, Total Protein, Urea, Creatinine, Phosphorus)
- Feline Hyperthyroid Profile - Gold (As Silver plus FT4ED)
- Feline Hyperthyroid Profile Basic (T4, FT4ED)

**INDIVIDUAL TESTS**

- Thyroxine (T4)
- Free T4 by dialysis (FT4ED)
- TSH
- TRH/TSH stimulation test
- TGAA
- Anti T4 Antibodies
- Anti T3 Antibodies
- THAB (Anti T4 Antibodies & Anti T3 Antibodies)
- Triiodothyronine (T3)

**ADRENOCORTICAL**

- Canine ACTH stimulation test (0 & 1hr)
- Feline ACTH Stim Test (0, 1 & 3 hrs)
- Dexamethasone screening test (0, 3 & 8 hrs)
- ACTH (EDTA only, special transport)
- Feline combined HDD/ACTH test
- Cortisol/Creatinine Ratio (urine)
- Cortisol
- Saliva Cortisol
- SHAP profile (Cort x 2, OHP x 2)
- Aldosterone
- Aldosterone stim test (pre & post)
- Hypertension/Hypokalaemia Investigation (Plasma Renin, Aldosterone, Na:K)
- Renin (EDTA plasma/special transport)
- Canine Addisonian Profile (2 x Cort/Aldo, Na:K)
- Feline Addisonian Profile (3 x Cort, Aldo, Na:K)
- Ferret Adrenal Profile (E2, Cort, OHP)
- Ferret Adrenal Profile Plus (E2, Cort, Andro, OHP)
- Androstenedione
- Canine Adrenal Panel (2 x E2, TST, Cort, OHP, Progesterone & Androstenedione)

**REPRODUCTION & PREGNANCY**

- Progesterone
- Progesterone for mating
- Oestradiol (E2)
- GnRH stimulation test (2 x E2)
- Progesterone x 2 (Feline hcG Stim test)
- Testosterone
- hCG stimulation test (2 x Testosterone)
- AMH - Canine/Feline
- Relaxin - Canine/Feline

**THERAPEUTIC MONITORING**

(Do not use serum gel tubes)

- Phenobarbitone
- Phenobarbitone Monitoring Profile (Phenobarbitone, ALP, ALT, Albumin, GGT, GLDH, Bile Acid)
- Potassium Bromide
- Potassium Bromide Monitoring Profile (KBR, Urea, Creatinine, Phosphorus)
- Digoxin
- Cyclosporin
- Levetiracetam

**GASTROINTESTINAL**

- Canine TLI (serum)
- Vitamin B12/Folate (serum)
- Feline TLI (serum)
- Canine/Feline PLI (serum)
- Bile Acids (pre & post)
- Gastrin (special sampling requirements)
- Lipase

**DIABETES**

- Insulin
- Insulin/Glucose Ratio
- Insulin Antibodies
- Fructosamine

**CALCIUM HOMEOSTASIS (Special Sampling)**

- PTH
- PTHrP
- PTH/PTHrP
- Ionised Calcium (ICa)
- PTH/ICa
- PTH/PTHrP/ICa
- 25-OH-Vitamin D
- 25-OH-Vitamin D Plus Calcitriol

**SEROLOGY/IMMUNOLOGY**

- ACR antibodies
- 2M antibodies
- Sarcoptic Mange antibodies
- Canine Prostate Specific Esterase

**EQUINE SPECIALITIES**

- Endogenous ACTH - Equine (EDTA plasma)
- Laminitis Profile (ACTH, Insulin, Cortisol & Glucose)
- Laminitis Profile Plus (as above + chemistries)
- Equine O/N DXM Test (2 x Cort 0 & 22hrs)
- Oestrone Sulphate Rig
- hCG Stimulation (2 x Testosterone)
- Oestrone Sulphate Pregnancy
- PMSG
- Inhibin
- AMH (Anti-Müllerian Hormone)
- GCTA Profile (Progesterone, AMH)
- GCTB Profile (AMH, Progesterone & Testosterone)
- GCT Profile Plus (Progesterone, Testosterone, Inhibin & AMH)

**MISCELLANEOUS**

- IGF1 (serum)  Thymidine Kinase
- Erythropoietin  Others (specify):
- Normetanephrine (urine)

**MONITORING**

Please Circle Product Used:

Vetoryl® Felimazole® Thyforon®  
Vidalta® Soloxine®

- Basic Monitoring
- Monitoring Plus
- Vetoryl® pre-pill monitor

**BIOCHEMISTRIES**

- Senior Feline Profile
- Senior Canine Profile
- Feline Hyperthyroid Profile - Silver
- Feline Hyperthyroid Profile - Gold
- Canine Addisonian Profile
- Feline Addisonian Profile
- Small Animal Biochemistry Profile
- Small Animal Kidney Profile
- Pre Op Profile
- Senior Canine Cushing's Profile
- Canine/Feline Pancreatic Profile Basic
- Feline Pancreatic Profile Plus

Units S5 and S6, The Saxon Building, Eastern Counties Leather Industrial Estate, London Road, Pampisford, Cambridge, CB22 3FJ.

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# Assay Sample Requirements

Assay	Sample Type	Special Requirements	Min Sample Volume (ml)
<b>Thyroid</b>			
T4	S H	None	0.3
T3	S H	None	0.5
TSH	S H	None	0.5
FT4ED	S H	None	0.5
Thyroid Antibodies	S H	None	0.2
TGAA	S H	None	0.2

<b>Adrenocortical</b>			
Cortisol (includes ACTH Stim & DEX Screening)	S H	None	0.3
Urinary Cortisol	Urine	None	0.3
ACTH Endogenous (Canine/Feline)	E	Frozen Separated EDTA Plasma	1.0
ACTH Endogenous (Equine)	E	Separated EDTA Plasma	1.0
OHP	S H	None	0.3
Aldosterone	S H	None	1.0
Renin	E	Frozen Separated EDTA Plasma	2.0

<b>Reproduction Pregnancy</b>			
Progesterone	S H	No Gel Tubes	0.5
Testosterone	S H	None	0.6
Oestradiol	S H	None	1.0
Oestrone Sulphate Pregnancy/Rig	S H	None	0.6
PMSG	Serum only	None	0.5
AMH (all species)	S H	None	0.5
Relaxin	S	None	0.5

<b>Diabetes</b>			
Insulin	S	Starved Sample	0.3
Insulin/Glucose Ratio	S & Fluoride Oxalate*	Starved Sample	S = 0.3 and FO = 0.3
Insulin Antibodies	S	None	0.5
Fructosamine	S H	None	0.3

<b>Gastrointestinal</b>			
Canine TLI	S	Starved Sample	0.4
Feline TLI	S	Starved Sample	0.2
Vitamin B12/Folate	S	None	1.0
Bile Acids	S H	Post sample 2 hrs after fatty meal	0.3
Canine and Feline PLI	S	Starved Sample	0.5

Assay	Sample Type	Special Requirements	Min Sample Volume (ml)
<b>Calcium Disorders</b>			
Parathyroid Hormone (PTH)	E	Frozen EDTA Plasma	0.5
Parathyroid Hormone Related Peptide	E	Frozen EDTA Plasma	1.0
Ionised Calcium	Separated Serum	Anaerobic Collection. Plain tube filled to brim - no air	0.5
25 OH Vitamin D	S	Starved Sample, Separated Serum Stored Frozen	0.5
25 OH Vitamin D and 1.25 OH Vitamin D (Calcitrol)	S	Starved Sample, Separated Serum Stored Frozen"	2.0

<b>Serology / Immunology</b>			
Acetylcholine Receptor Antibody	S	None	0.5
2M Antibodies	S	None	0.5
Sarcoptic Mange Antibody	S	None	0.2

<b>Therapeutic Drug Monitoring</b>			
Phenobarbitone	S	No Gel Tubes	0.3
Potassium Bromide (KBr)	S H	No Gel Tubes	0.3
Levetiracetam	S	No Gel Tubes	0.5
Digoxin	S	No Gel Tubes	0.5
Cyclosporin	E (Whole Blood)	Do not post Friday	1.0

<b>Miscellaneous</b>			
IGF-1	S H	None	0.2
Erythropoietin	S	Frozen Serum	1.0
Thymidine Kinase	S	None	0.3
Gastrin	S	Frozen Separated Serum	1.0
Normetanephrine (Urine)	Acidified urine	None	20

<b>Biochemistry Profiles</b>			
All Profiles	S H	None	1.0

## Sample Guide

**E** = EDTA  
**S** = Serum  
**H** = Heparin

An ideal sample volume is 1ml of separated serum or plasma.

This allows for assays to be repeated if necessary or further analysis to be added if required.

\*A serum sample can also be submitted for Glucose if this has been separated with one hour of collection

