



Companion Animal Diabetes Research

Sample Submission Form

RVC in partnership with Intervet/Schering-Plough Animal Health



Royal Veterinary College
University of London

The RVC would be grateful to receive blood samples from existing diabetic patients to investigate the underlying causes of diabetes mellitus in the dog and cat. Submitted samples will receive:

- **Canine samples** - **FREE Fructosamine and HbA1c** (HbA1c indicates glucose levels over preceding 3 months)
- **Feline samples** - **FREE Fructosamine, triglycerides, cholesterol, triglyceride: cholesterol ratio and IGF-1** (IGF-1 is an indicator of acromegaly)

Samples required:

- 3ml blood in plain/serum gel tubes (allow to clot and centrifuge before posting - send both serum and clot)
- 1ml EDTA blood

For cats, it is important that fasted samples are taken (at least 6 hours after food) before insulin administration, i.e. ideally taken in the morning. For dogs, this is preferable but not a requirement.

Practice name & address:

Post Code: Fax Number:

Name of vet in charge of case: Signed by owner or vet:

N.B. Signature indicates that owners have been informed and consent to excess blood and serum being used for clinical research purposes (including genetic analysis).

Owner's name: Animal's name: Specify: CAT / DOG

Age: yrs mths Breed:

Sex at diagnosis (please circle): FE FN ME MN

If FE dog, date of last season: mnth year Current weight: kg

Body condition score: /out of 5 (see <http://vet.osu.edu/1851.htm>)

Is/was the animal overweight at the time of diagnosis (Please circle)? Yes / No Weight at diagnosis: kg

What is the animal's diet?

Date sample taken: Date of diagnosis of diabetes:

Type(s) of insulin used: Dose: IU Frequency (please circle): SID / BID

Is there any suspicion of insulin resistance (e.g. acromegaly in cats) (Please circle)? Yes / No

If so why do you suspect this?

Do you consider this animal's diabetes to be well controlled (Please circle)? Yes / No

If not, can you list the reasons why (e.g. pu/pd, polyphagia, weight loss)?

Any other concurrent diseases (e.g. pancreatitis, dental disease, other endocrinopathy) or medical treatment?

N.B. Results will usually be reported by fax on the day of receipt of the sample



Samples should be sent to:
Brian Catchpole BVetMed PhD MRCVS, Senior Lecturer in Veterinary Immunology
Department of Pathology & Infectious Diseases, Royal Veterinary College, Hawkshead Lane,
North Mymms, Hatfield, Herts AL9 7TA. Email: bcatchpole@rvc.ac.uk