



Collection and use of normal cat and dog plasma and serum samples

Information for veterinary surgeons and pet owners

Why do we need samples from normal pets?

A critical requirement for introducing a new diagnostic assay is establishing a reference range based on measurements taken from a population of normal animals. The majority of samples submitted to our clinical pathology laboratory are from sick animals and therefore cannot be used for this purpose. A lack of normal samples often delays the validation process and the introduction of new tests. To address this issue, we at Companion Animal Diagnostics intend to establish a stock of samples from normal healthy pets to enable us to produce reference intervals with minimal delay. This will be achieved by harvesting and storing a small amount of serum or plasma left over from samples submitted from healthy cats and dogs for screening purposes. For example, this might include samples submitted for screening levels of vaccine antibodies and routine screening for infection with feline immunodeficiency virus or feline leukaemia virus.

What criteria must be met for a pet's sample to be suitable?

The 'healthy' pet should have no behavioural or physical abnormalities noticed by the owner or veterinary surgeon, which are suggestive of illness. Temperature, heart rate and respiratory rate should be within normal limits and the pet should not be receiving any medication.

What does this require you (the owner) to do?

If you would like your pet's sample to contribute to this collection, please complete the lower section of this form and give it to your veterinary surgeon.

What does this require you (the veterinary surgeon) to do?

Once completed by the owner, please submit this form together with the sample along with the usual laboratory submission form.

Consent agreement

To the best of my knowledge my cat / dog is in good health and I agree to the storage of the remainder of this sample for diagnostic assay validation purposes.

Client's name:

Pets name:

Date:

Companion Animal Diagnostics

Veterinary Diagnostic Services

Faculty of Veterinary Medicine, University of Glasgow
Bearsden Road, Glasgow G61 1QH, United Kingdom

Tel: +44 (0)141 330 5777 Fax: +44 (0)141 330 5748

Email : companion@vet.gla.ac.uk

Website : www.glasgow.ac.uk/vet/cad

The University of Glasgow, charity number SC004401