



REFERENCE GUIDE FOR PARASITOLOGY LAB CLIENTS



CUSTOMER SERVICE

SAMPLE RECEPTION

- ☎ 450 778-8151 (direct line)
450 773-8521 ext. 8243
- 📠 450 778-8107

TECHNICAL SUPPORT

- ☎ 450 773-8521 ext. 33541
- ✉ cdvum@umontreal.ca
- ✉ parasito-cdvum@umontreal.ca

COMPLETING THE FORM



You can visit our website www.cdvum.ca to **print the appropriate submission form**. You can also contact our Customer Service for a pre-filled or customized form as needed.



Clearly write the information relating to the owner, veterinarian's name, account or clinic to be billed. It is essential to indicate **sample type, species and age of the animal to determine the appropriate test**. If relevant, specify the name of the suspected parasite and/or clinical signs in the anamnesis. Also include the reference number (beginning with the letter M) of a previous case if the analyses are associated.



Identify each sample submitted with a corresponding ID on the submission form. If multiple samples are to be submitted at the same time (ex. counting of oocysts in avian feces), you can attach another document containing the list of sample IDs to the main request.



Select the appropriate test by referring to the table on the back of this document. Otherwise, indicate "coproscopy" for the general analysis of gastro-intestinal parasites and the lab will determine the appropriate test according to the information specified on the request in regards to **the species and age of the animal**.

SAMPLING PROCESS

Collect the equivalent of a handful of feces (about 30 grams or the size of a grapefruit) for large animals or a full stool for small animals in a glove or a Ziploc bag. Use a urine container for liquid stool or bird droppings and fill it up to three quarters. The presence of litter does not affect diagnosis except for detection of lungworms. No preservative solution is required except for primate samples, for which the addition of a 5% formaldehyde solution is required.

SHIPPING SAMPLES



Safely pack the samples. Place the samples in a suitable size cooler containing an ice-pack. The submission form, also placed in the package, must be packed separately from samples.



Send samples to the following address. It is possible to keep the samples at 4°C for a maximum of 48 hours.

CDEVQ / Réception des échantillons

3220 rue Sicotte, Saint-Hyacinthe
Québec J2S 2M2

The analysis cost includes shipping costs. Contact our Customer Service if you need the account numbers of our service providers.

| Species | Age of the animal | Sample type | Specification | Assay to choose |
|---|-------------------|------------------------|---|---------------------------------------|
| Bovine/Caprine/Ovine/Swine | < 6 mo | Feces | General search for gastro-intestinal parasites Ideal for the specific search of <i>Coccidia-Giardia-Cryptosporidium</i> | Zinc Sulfate Centrifugation |
| Canine/Feline | | | | |
| Poultry | | Feces | General search for gastro-intestinal parasites | Wisconsin |
| Bovine/Caprine/Ovine/Swine | < 6 mo | | | |
| Equine | | | | |
| All | | Parasites | For visible parasites or insects | Parasite identification |
| All | | Ticks | For tick identification | Tick identification |
| Ruminants | | Feces | Fluke detection | Wisconsin / Sedimentation |
| Canine | | | | |
| Feline | < 1 y | Feces | <i>Trichomonas</i> detection (less than 30 minutes following sample collection) | Direct smear |
| All | | Skin scraping | Ecto-parasite detection w/o digestion | Direct examination of skin scraping |
| All | | Skin scraping | Ecto-parasite detection w/ digestion | KOH digestion |
| Bear/Swine/Boar | | Muscle - Meat | Search for trichina | Peptide Digestion |
| Canine/Feline | | EDTA blood, Serum | Adult heart worm detection | Dirofilaria Ag detection |
| Canine/Feline | | EDTA blood (w/o clott) | Microfilariae detection (Filtration technique) | Difil test |
| Canine | | EDTA blood (w/o clot) | Microfilariae detection (Centrifugation technique) | Knott test |
| Bovine/Caprine/Ovine/Canine/Feline/Equine | | Feces | Pulmonary parasites detection | Baermann test |
| Avian | | Feces | Coccidia count | Wisconsin / McMaster counting chamber |
| Bovine/Caprine/Ovine/Equine | | Feces | Strongyle count | Wisconsin / McMaster counting chamber |
| Avian | | Feces | Different coccidia species % | Differential |
| N/A | | Hay, Straw, litter | Mite detection | Mite detection in hay |
| N/A | | Microscope Slide | Diagnosis/Second opinion | Parasite identification double-check |