

Submit a sample form

OIE Reference Laboratory for *E. coli*
 Faculté de médecine vétérinaire
 Université de Montréal



Université de Montréal

CENTRE DE DIAGNOSTIC VÉTÉRIINAIRE
 DE L'UNIVERSITÉ DE MONTRÉAL



Université de Montréal

Laboratory use only	
Pathology number :	File Number/Cust Ref :
Reception Date :	

Submission information

Submitted by		Owner	
Business name		Business name and address	
Business address		Tel.	Fax
		Email	
		Pathologist	
Tel.	Fax	Tel.	Fax
Email		Email	
Invoice to <input type="checkbox"/> Veterinarian <input type="checkbox"/> Owner		Report to <input type="checkbox"/> Veterinarian <input type="checkbox"/> Owner <input type="checkbox"/> Pathologist	Send report by <input type="checkbox"/> Fax <input type="checkbox"/> Email

Sample identification

Sample origin	Disease syndrome					
Species <input type="checkbox"/> Pig <input type="checkbox"/> Bovine <input type="checkbox"/> Poultry <input type="checkbox"/> Ovine <input type="checkbox"/> Caprine <input type="checkbox"/> Equine <input type="checkbox"/> Other, specify Age _____	Diarrhea <input type="checkbox"/> Acute <input type="checkbox"/> Chronic <input type="checkbox"/> Bloody <input type="checkbox"/> Other, specify	Septicemia <input type="checkbox"/> Sudden death <input type="checkbox"/> Wasting <input type="checkbox"/> Loss of appetite <input type="checkbox"/> Other, specify	Morbidity <input type="checkbox"/> 0-10 % <input type="checkbox"/> 10-30 % <input type="checkbox"/> + than 30 %	Death <input type="checkbox"/> 0-10 % <input type="checkbox"/> 10-30 % <input type="checkbox"/> + than 30 %	Antibiotic Treatment <input type="checkbox"/> yes <input type="checkbox"/> no Other treatment, specify	Vaccination neonatal colibacillosis <input type="checkbox"/> yes <input type="checkbox"/> no post-weaning colibacillosis <input type="checkbox"/> yes <input type="checkbox"/> no

Sample information

	Animal ID	Sample type (feces, tissue, swab, fluid...)	Sampling date	Shipping date
1				
2				
3				
4				
5				

PCR Sample analysis Pathotyping

- Pig (diarrhea)
STa, STb, LT, Eae, F4(K88), F18
- Pig (edema disease)
Stx2e(VT2e), F18
- Bovine
STa, Eae, Stx1(VT1), Stx2(VT2)
- Bovine (paralysing gastro-enteritis)
CNF, P, Aero, Tsh, CS31a, F17, cvaC, iroN, iss, hlyF, ompT, kpsMTII
- Poultry
Aero, iroN, iss, hlyF, ompT, kpsMTII
- Dog and cat (diarrhea)
STa, Eae, CNF, P
- Dog and cat (urinary tract)
CNF, P, Aero
- Dog (granulomatous colitis)
CNF, P, Aero, Tsh, iss, iroN, kpsMTII, ibeA, malX, irp1, irp2, fepC, fyuA, chuA, usp
- Rabbit
Eae, Paa

- All species**
- Diarrhea
STa, STb, LT, Eae, Stx1(VT1), Stx2(VT2)
- Extraintestinal samples
STa, STb, LT, Eae, Stx1(VT1), Stx2(VT2), CNF, P, Aero, Tsh
- Additional fimbrial adhesins or other factors, specify

- Toxins**
- LT
- STa
- STb
- Stx1(VT1)
- Stx2(VT2)
- Stx2e (VT2e)
- CNF
- EAST1
- Aerobactin
- Tsh

PCR Strain analysis Virotyping: factors to be tested

- Fimbriae / Adhesins**
- F4(K88)
sub-types ab ac ad
- F5(K99)
- F6(987P)
- F41
- P
- AFA
- F17
- F18ab/ac(F107)
- Eae (Intimin)
- Paa
- AIDA

- Poultry (extended profile)**
- Aero, iroN, iss, hlyF, ompT, Tsh, P, CNF, kpsMTII, hra, EAST1, cvaC, sitA, ireA, fyuA
- For testing of additional virulence factors, please contact us**

Other

- Whole genome sequencing (WGS)
(Virulence factors, Resistance genes, O :H serotyping, MLST, phylogenetic grouping, bacterial species, phylogenetic tree)
- Phylogenetic grouping (PCR) Minimal Inhibitory Concentration (MIC by Sensititre)

This form should be included with your samples. Please do not hesitate to contact us for any questions.

Laboratoire ECL, CDVUM, Réception des échantillons, 3220 Sicotte St, Saint-Hyacinthe (Québec) Canada, J2S 2M2
 Ph 450.773.8521 ext 49091 or 8304

When sending samples to the Centre de Diagnostic Vétérinaire de l'Université de Montréal (CDVUM) of the Faculté de médecine vétérinaire (FMV), I hereby agree to transfer them to the institution. I agree hereby, that the information in this application and the results thereof can be used by the CDVUM for purposes such as research, development, statistics and education. Personal information collected on this form will be treated according to the Act respecting access to documents held by public bodies and the protection of personal information (chapter A-2.1).