



SUBMISSION FORM – SWINE

Sample reception-CDEVQ

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LAB USE ONLY

SAMPLE INFORMATION / For pathology and cytology lab, use the specific forms available on our website.

Sample taken date : _____ SAMPLE TYPE: Serum Plasma Whole blood Feces Tissues Other: _____

PATIENT/OWNER IDENTIFICATION

Owner's ID : _____
Farm : _____
Address : _____
Building No. : _____
Reference number : _____
Phone : _____

BILLING INFORMATION

Veterinarian's name : _____
Clinic : _____
Address : _____
Phone : _____ Fax : _____
Email : _____

CLINICAL/TREATMENT INFORMATION

ANAMNESIS NEEDED FOR INTERPRETATION

ANIMAL ID / AGE/SEX

1. _____ 3. _____ 5. _____ 7. _____ 9. _____ 11. _____
2. _____ 4. _____ 6. _____ 8. _____ 10. _____ 12. _____

BACTERIOLOGY

- Antimicrobial susceptibility
- Bacterial culture
- Direct smear (Gram staining)
- Blood culture
- Strain identification
- Anaerobic culture
- Acid/Alcohol resistant bacteria
- Mycology
- APP culture
- Campylobacter culture
 - Direct smear
- C.difficile toxins (clinical pathology lab)
- E.coli culture
- Glaesserella parasuis culture
 - GPS serotyping
- Salmonella culture
 - Salmonella serotyping
- Staphylococcus hyicus culture
- Streptococcus suis culture
- Yersinia culture

ECL LABORATORY

- E.coli PCR - Virotyping
- MIC
- E.coli whole genome sequencing

MOLECULAR DIAGNOSTIC

- 16S detection
- Atypical porcine pestivirus (APPV)
- Brachyspira spp.
 - Species identification
- Brachyspira hyodysenteriae
- Campylobacter spp.
- Porcine Circovirus type 1 (PCV1)
- Porcine Circovirus type 2 (PCV2)
 - PCV2 sequencing
- Clostridium perfringens-toxins

- Coronavirus spp.
- Deltacoronavirus
- Porcine Epidemic Diarrhea Virus (PEDV)
- TGE/PRCV
- Identification by sequencing
- Influenza type A detection
 - H/N characterization
 - H/N sequencing
- Lawsonia intracellularis
- Mycoplasma hyopneumoniae
- Mycoplasma hyorhinis
- Mycoplasma hyosynoviae
- Mycoplasma suis
- Porcine Parvovirus
- PRRSV detection
 - PRRSV differentiation
 - PRRSV sequencing
- Toxigenic Pasteurella multocida
- Rotavirus A
- Rotavirus B
- Rotavirus C
- Salmonella spp.
- Sapelovirus
- Senevavirus A
- Teschovirus
- Ureaplasma diversum

PARASITOLOGY

- KOH digestion
- Isospora suis
- Tick/Parasite identification
- Wisconsin
- Zinc sulfate centrifugation

CLINICAL PATHOLOGY

- Swine profile**
(ALB, ALP, ALT, AST, TBIL, CA, CL, CHOL, CK, CO2, CREAT, ANION GAP, GGT, GLOB, GLU, K, LDH, MG, NA, PHOS, TOT PROT, ALB/GLOB, TRIGL, UREA)
- Electrolyte profile**
(CA, CL, CO2, CREAT, ANION GAP, K, NA, PHOS)
- Complete hepatic profile**
(ALB, ALP, AST, BHB, DBIL, IBIL, TBIL, CA, CL, CO2, ANION GAP, GGT, GLDH, GLOB, GLU, K, NA, PHOS, TOT PROT, ALB/GLOB, UREA)
- Renal profile**
(ALB, CA, CL, CO2, CREAT, ANION GAP, GLOB, GLU, K, NA, PHOS, TOT PROT, ALB/GLOB, UREA)

Single biochemistry (specify):

Mycotoxins/selenium/vitamins

- Deoxynivalenol (DON)
- Selenium
- Vitamin A
- Vitamin E

Hematology

- Smear examination
- Blood count (CBC) w/o differential
- Complete blood count (CBC) w/ differential

Urology

- Complete exam
- Physical and chemical examination
- Urine microscopy

BACTERIAL SEROLOGY

- APP serotypes 1 to 15 - ELISA
- APP serotype 1 (9, 11) - ELISA
- APP serotype 2 - ELISA

- APP serotypes 2, 3 and 7 - ELISA
- APP serotype 3 (6, 8, 15) - ELISA
- APP serotypes 5a, 5b - ELISA
- APP serotype 7 (4) - ELISA
- APP serotype 10 - ELISA
- APP serotype 12 - ELISA
- APP serotype 13 - ELISA
- APP serotype 14 - ELISA
- Multi-APP (serotypes 1 to 15) - ELISA
- APP detection - PCR
- APP differentiation (9,11)
- APP serotyping- PCR
- APP toxins- PCR
- Glaesserella parasuis typing
- Glaesserella parasuis virulence
- Lawsonia intracellularis - IFA
- Lawsonia intracellularis titration - IFA

- M.hyopneumoniae - ELISA (IDEXX)
- Salmonella - ELISA (IDEXX)
- Streptococcus suis serotyping
- S. Suis differentiation PCR 1-14 or 2-1/2
- Evaluation of antibody response after immunization

VIROLOGY

- Chlamydia abortus - ELISA
- PEDV - ELISA
- Porcine Circovirus type 2 (PCV2) - ELISA
- Porcine Circovirus type 2 (PCV2)- IFA
- TGE/PRCV - ELISA
- Influenza type A - ELISA
- PRRSV - ELISA (IDEXX 3X)
- PRRSV - IFA titration

- Viral isolation**
- Electronic microscopy**
- Whole genome sequencing (HTS)**

OTHER TESTS REQUESTED

TESTING: Each sample Pool
If a pool is requested, please specify:

LAB USE ONLY

When sending samples to the *Centre de diagnostic vétérinaire de l'Université de Montréal (CDVUM)*, 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).

Special instructions/demands :

Signature :