

Université
de Montréal

SUBMISSION FORM – SWINE

Sample reception-CDEVQ

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www.cdvum.ca

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 Pool sample
 Salmonella serotyping
Staphylococcus hyicus culture
Yersinia culture

ECL LABORATORY

E.coli PCR -Virotyping MIC
E.coli/Salmonella serotyping
resistance profile HTS
E.coli/Salmonella whole genome
sequencing

MOLECULAR DIAGNOSTIC

Abortion profile 4
(PRRSV, Lepto, PCV2, PCV3)
Abortion profile 5
(PRRSV, Lepto, PPV, PCV2, PCV3)
16S detection
Atypical porcine pestivirus (APPV)
Brachyspira spp.
 Species identification
Brachyspira hyodysenteriae

Brachyspira hyodysenteriae /
Hampsonii
Campylobacter spp.
Porcine Circovirus type 1 (PCV1)
Porcine Circovirus type 2 (PCV2)
 PCV2 differentiation
 (2a, 2b, 2d et 2e)
 PCV2 sequencing
Porcine Circovirus type 3 (PCV3)
Panel PCV2 and PCR3
Clostridium perfringens-toxins
Coronavirus spp.
Deltacoronavirus
Porcine Epidemic Diarrhea Virus
(PEDV)

PEDV/Delta CoV panel

TGE/PRCV
Identification by sequencing
Influenza type A detection
 H/N characterization
 H/N sequencing
Lawsonia intracellularis
Leptospira spp.
Mycoplasma hyopneumoniae
Mycoplasma hyorhinis
Mycoplasma hyosynoviae
Mycoplasma suis
Porcine Parvovirus
PRRSV detection
 PRRSV vaccine strains
 PRRSV sequencing
PRRSV panel (detection + MLV +
Foster)

Toxigenic Pasteurella multocida
Rotavirus A
Rotavirus B
Rotavirus C

Panel Rota A/B/C + Sapovirus

Salmonella spp.
Sapovirus
Sapovirus
Senevavirus A
Teschovirus
Ureaplasma diversum

PARASITOLOGY

Formalin ethyl acetate
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, LDH, NA, PHOS)

Renal profile

(ALB, CA, CL, CO2, CREAT, ANION GAP,
GLOB, K, LDH, NA, PHOS, TOT PROT,
ALB/GLOB, UREA)

Single biochemistry (specify):

Mycotoxins/selenium/vitamins

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

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 serotyping- PCR
APP toxins- PCR
APP biotype panel
Glaesserella parasuis typing
Glaesserella parasuis virulence
Lawsonia intracellularis - IFA
Lawsonia intracellularis
titration - IFA
M.hypopneumoniae - ELISA (IDEXX)
Salmonella - ELISA (IDEXX)
Streptococcus suis serotyping
S. Suis differentiation PCR 1-14
or 2-1/2

S.suis - PCR species
Evaluation of antibody response
after immunization

VIROLOGY

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

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) and may be communicated by the CDVUM to government authorities in the context of legal obligations.

Special instructions/demands :

Signature :