

SUPPLIES:
Multiple Tube Mailer
(Includes prepaid U.S. Mail
Postage OR prepaid UPS)

U.S. Mail
☐ 6 (99120) ☐ 6 (99020)
☐ 12 (99121) ☐ 12 (99021)
☐ 24 (99122) ☐ 24 (99022)

Insulated UPS Mailers ☐ 1 (99220) ☐ 3 (99221) ☐ 6 (99222)
(Accommodates ice + multiple samples and includes prepaid return)

General Submittal Forms ☐ (No Charge)

Contact Lab: 517.353.1683 M-F: 7:30am-5:30pm EST



MICHIGAN STATE UNIVERSITY
**VETERINARY DIAGNOSTIC
LABORATORY**

F.ADM.13.10

Issued: 07/01/2019

Other FORMS available – see animalhealth.msu.edu

MSU VDL Use Only: Init: _____ Received: _____

Owner Name _____	Last _____	First _____
Animal Name/ID _____	MRN _____	
(See reverse for multiple animal submissions)		
☐ Canine	☐ Feline	☐ Equine
☐ Bovine	☐ Porcine	☐ Ovine
☐ Caprine	☐ Avian	☐ Other _____
Breed _____		
Age _____	☐ Day	☐ Wk. ☐ Mo. ☐ Yr.
Weight _____	Sex: ☐ M ☐ F ☐ MC ☐ FS ☐ Unknown	
Date Samples Taken _____		
☐ Serum	☐ Plasma	☐ Urine ☐ Other _____

MSU VDL Use Only: ☐ Ice ☐ No Ice ☐ USS ☐ SST ☐ S ☐ P ☐ L ☐ RB ☐ FD ☐ U ☐ SL ☐ F ☐ TS ☐ SW Other: _____

History/Duration of Clinical Signs:

(Continued on Reverse ☐)

OTHER REQUESTS

Code	Description

SPECIMEN REQUIREMENT KEY

SST SERUM SEPARATOR **S** SERUM **P** PLASMA
L LAVENDER **RB** ROYAL BLUE **FD** FEED
U URINE **SL** SLIDE **F** FECES
TS TISSUE **SW** SWAB

CANINE

Canine Vaccine Antibody Panel: (S)
☐ Viral Panel (80101) ☐ Panel + Lepto (95996)
☐ Lepto (95055) ☐ Distemper VN (80050) ☐ Adeno VN (80047)
☐ Parvo HI(80054)

Tick-Borne Disease Antibody Screen: (S)
☐ All (60013) ☐ Lyme (60014)
☐ E. canis (60008) ☐ Babesia canis (60001)
☐ R. rickettsii (60021) ☐ A. phagocytophilum (60033)

Canine Blood Donor Super Panel: ☐ All (60998) (L & S)
☐ Babesia sp PCR (60003) ☐ Mycoplasma PCR (60044)
☐ Ehrlichia canis PCR (60048) ☐ Leishmania Antibody (60022)
☐ Ehrlichia canis Antibody (60008) **See web for Mini Panel**

Canine PCR: **See web for spec. req.**
☐ Distemper Virus (80049) ☐ Coronavirus (80105)
☐ Adenovirus (80041) ☐ Herpesvirus (80015)
☐ Parainfluenza-2 Virus (80039) ☐ Leptospirosis (95053)
☐ Mycoplasma (60044) ☐ Bartonella (60041)

FELINE

Feline Vaccine Antibody Panel: ☐ All (80102) (S)
☐ Panleukopenia HI (80035)
☐ Herpes VN (80031) ☐ Calicivirus VN (80066)

Feline Blood Donor Panel: ☐ All (60997) (L)
☐ Mycoplasma PCR (60030) ☐ Bartonella PCR (60041)

Feline PCR: **See web for spec. req.**
☐ Coronavirus (80067) ☐ Chlamydia (80010)
☐ Herpesvirus (80028) ☐ Mycoplasma (60030)
☐ Bartonella (60041) ☐ Calicivirus (80064)

EQUINE

☐ **West Nile Virus Antibody, Equine** (S)
Please indicate duration of clinical signs in history
Information Required: Vaccinated for WNV? ☐ Yes ☐ No

Sarcocystis neurona Antibody - EPM
Western Blot: ☐ Serum (60007) ☐ CSF (60006)
☐ **Antibody Titer** (60004) (Serum or CSF)

Equine PCR: ☐ Arteritis (80018) **See web for spec. req.**
☐ Herpesvirus 1 (80056) ☐ Herpesvirus -4 (80256)
☐ Influenza Virus (80062) ☐ Potomac Horse Fever (60038)

RUMINANT

Bovine Viral Enteric Screen: (F) (TS)
☐ All (80123) ☐ Corona PCR (80040) ☐ Rota PCR (80208)
☐ **Bovine Abortion Antibody Screen** (95998) (S)
Includes IBR, BVD, Lepto, Neospora, Brucella abortus

Bovine Resp. Screen PCR: ☐ All (80124) (SW) (S)
☐ Bovine Viral Diarrhea (BVD) (80007) ☐ BRSV (80205)
☐ Infectious Bovine Rhinotracheitis (80071) ☐ BPI3 (80129)

☐ **BVD PCR (ear notch)** (80991) (TS)

☐ **Bovine Leukemia Virus ELISA** (80201) (S)

Bovine Virus Neutralization: (S)
☐ **BVD I** (80009) ☐ **BVD II** (80008) ☐ **IBR** (80073)

☐ **M. paratuberculosis - Johne's ELISA** (90031) (S)
M. paratuberculosis Liquid Culture – Johne's (F)
☐ Routine (95060) ☐ Maximum (95057)

☐ **M. paratuberculosis - Johne's** (F)
pooled fecal culture (95058)

☐ **Neospora caninum Antibody Titer** (60016) (S)

NUTRITION

Vitamin E: ☐ Serum (50212) ☐ Tissue (50211)
☐ Feed (50210)

Vitamin A: ☐ Serum (50208) ☐ Tissue (50207)
☐ Feed (50206)

☐ **Vitamin Profile:** (50229) Vitamin A, E + Beta Carotene(S)

☐ **NEFA** (50243) Lactation Stage Required (S)
☐ **BHB** (50244) Lactation Stage Required (S)
☐ **Metabolic Profile** (50245) Lactation Stage Required (S)
Lactation Stage: _____

MINERALS

Iodine: ☐ Total, Serum (50246) ☐ Inorganic, Serum (50247)
☐ Tissue (50248) ☐ Milk (50251) Feed

Selenium: ☐ Serum (50203) ☐ Whole Blood (50204)
☐ Feed (50201)

☐ **Electrolytes** (10050) ☐ **Electrolytes + Trace** (50702) (S)

☐ **Trace Nutrient Elements:** (50701) (S)

Toxic Element Screen: ☐ Primary WB (70200)
☐ Extended WB (70201)

☐ **Tissue Minerals (50254):** Tissue: _____

TOXICOLOGY DIRECT TO TOX FORM

Anticoagulants: (L)
☐ Liver (70015) ☐ Whole Blood (70066)
☐ Other: _____

☐ **Bromide** (70001) (S)

☐ **GCMS Toxin Screen** (70006)

BACTERIOLOGY GENERAL CULTURE

Sample Source(s) REQUIRED:

If urine please specify: ☐ Cath ☐ Voided ☐ Cysto
ANTIBIOTIC TREATMENT WITHIN 72 HR: ☐ Yes ☐ No
If yes, list _____

☐ **Aerobic Culture & Susceptibility**

☐ **Aerobic Culture Only**

☐ **Anaerobic Culture ****

☐ **Blood Culture & Susceptibility**

☐ **Clostridium Culture ONLY ****

☐ **Cl. perf Genotyping ****

☐ **Campylobacter Culture**

☐ **Fungal / Mycology Culture**

☐ **Milk** ☐ Susceptibility

☐ **Mycobacterium Culture / AFB** Not M. paratuberculosis

☐ **Mycoplasma** ☐ **Ureaplasma**

☐ **Salmonella ONLY** ☐ Susceptibility ☐ Serotyping

**** SPECIAL TRANSPORT MEDIA REQUIRED;
CONTACT LAB**

OTHER TESTS

☐ **Lyme (B. burgdorferi) Antibody** (60014) (S)

☐ **West Nile Virus Antibody, Non-Equine** (90036) (S)

☐ **Leptospiral Antibody** 6 serovars (S)
Canine (95055) **Other** (95040)

☐ **Leptospiral Antibody Exp.** 7 serovars (95056) (S)
Non-Food Animal only, (6 serovar panel + Autumnalis)

☐ **Leptospira by PCR** (L or TS or U)
Food Animal (95052) **Non-Food Animal** (95053)

☐ **Leptospira MAT & PCR** (95068) (S + U)
Non-Food Animal only, (6 serovar panel + PCR)

Fungal Serology: (S)
☐ All (90021) ☐ Histo (90025) ☐ Blasto (90007)
☐ Aspergillus (90006) ☐ Coccidioides (90020)

☐ **Qualitative Fecal** (60011) (F)

☐ **Giardia Antigen** (60024) (F)

☐ **Cryptosporidium** (60026) (F)

☐ **Toxoplasma Titers (IgG and IgM)** (60037) (S)

☐ **Cytology, Slide Specimen:**

U.S. POSTAL ADDRESS MSU VDL P.O. Box 30076 Lansing, MI 48909-7576	DELIVERY SERVICE ADDRESS [UPS, FedEx, DHL, Drop off] MSU VDL 4125 Beaumont Road, Room 128 Lansing, MI 48910-8104
Additional History: 	
HOW TO GET RESULTS: MSU VDL clients may select from several options for receiving laboratory reports: - Fax-transmitted report - E-mail transmitted report - Printed copy, sent by U.S. Mail - Any combination of two formats, Fax and Mail, E-mail and Fax, etc. Fax transmissions can be sent as soon as results are released or scheduled for any one of the following time periods: 8 a.m.–noon, noon–5 p.m., 5 p.m.–midnight, midnight–8 a.m. In addition, any client with an established account can request access to WebView. Visit animalhealth.msu.edu and click “View Results” for more details on “How to View Reports Online.” Contact the lab at 517.353.1683 to set up your preferred report distribution and/or to establish an account.	VISIT MSU VDL ONLINE: animalhealth.msu.edu Come to our site to for the most up-to-date information and to learn about the various areas of the lab. It contains: - Complete catalog of services offered - Downloadable submission forms - Current fee schedule - WebView access for quick and secure viewing of results - Current and past issues of our quarterly newsletter for clients, <i>Diagnostic News</i> - Client education guides for pet owners on topics ranging from canine leptospirosis to tick-borne diseases to pet poison control - News on current lab activities

MULTIPLE ANIMAL IDENTIFICATION GRID									
Sample #	Animal ID	Sex	Age	Lactation Stage (*)	Sample #	Animal ID	Sex	Age	Lactation Stage (*)
1					16				
2					17				
3					18				
4					19				
5					20				
6					21				
7					22				
8					23				
9					24				
10					25				
11					26				
12					27				
13					28				
14					29				
15					30				

(*) Lactation stage recommended for Nutrition testing.

- Biohazards: The laboratory retains the right to refuse any sample that may pose a risk of infection or other danger to laboratory personnel. No human samples will be accepted. Samples in containers contaminated with blood, urine, feces, etc. may be refused.
- The submitter is responsible for adherence to sample shipping regulations.
- MSU VDL reserves the right to subcontract any work required to complete testing of any and all submissions. Any work subcontracted will be indicated as such on the laboratory report.
- All samples and specimens submitted become the property of MSU VDL and will not be returned unless specific arrangements are made and approved by MSU VDL management.
- Samples, specimens, and related test and diagnostic results may be used for teaching and research purposes. Test and diagnostic results will be shared with appropriate state or federal agencies as required by law.
- The submitter is responsible for all fees associated with the submission.