

**VETERINARY DIAGNOSTIC CENTER  
Ruminant Submission Form**

**Mailing Address:** P.O. Box 82646  
Lincoln, NE 68501-2646

**Phone:** (402) 472-1434  
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**E-mail:** [vdc@unl.edu](mailto:vdc@unl.edu)  
<https://vbms.unl.edu/nvdl>

**Delivery Address:** 4040 East Campus Loop North  
Lincoln, NE 68583-0907

Accession Number		
Date Rec'd	Case Coordinator	Referral No.
Effective Date		Review Date
09Aug2019		30Dec2020

<b>Client/Account #</b>	<b>PO or UNL Cost Object</b>	<b>Owner</b>
Clinic:	Veterinarian:	Address:
Address:	City:	State: Zip:
City:	State: Zip:	Phone: Owner Fax:
Phone:	Fax:	E-mail Address:
E-mail Address:	Send Results By: <input type="checkbox"/> Mail <input type="checkbox"/> Fax <input type="checkbox"/> E-mail Date Mailed:	
<b>Report Results to:</b> <input type="checkbox"/> Veterinarian <input type="checkbox"/> Owner/Producer		<b>Person to be Billed:</b> <input type="checkbox"/> Veterinarian <input type="checkbox"/> Owner/Producer
<input type="checkbox"/> <b>Third Party Bill</b> Name:		Address: City: State: Zip:

**Animal Information Section**

**Use page 3 to list multiple animals**

Species: \_\_\_\_\_ Breed: \_\_\_\_\_ Age: \_\_\_\_\_ Animal ID: \_\_\_\_\_ Sex: M F CM SF  
 No. Animals Ill: \_\_\_\_\_ No. Animals Dead: \_\_\_\_\_ Total Animals At Risk: \_\_\_\_\_ Time Between Death & Necropsy: \_\_\_\_\_

**Specimens Submitted and History Section**

Below, list the number for each specimen submitted				Number of whole animals submitted for necropsy _____				Collection Date: _____	
	Fixed	Fresh		Fixed	Fresh		Fixed	Fresh	
Brain			Spleen			Lymph Node			Feces
Heart			Kidney			Thymus			Milk
Lung			Small Intestine			Tonsil			Ocular Fluid
Liver			Large Intestine						Serum/Plasma
Submit the following for abortions: heart, lung, liver, brain, placenta, kidney, thymus, abomasal contents									Urine

**Presenting Complaint:** (List data for the animal(s) submitted, rather than a general description of the herd or group)

- Abortion  Dermatologic  Diarrhea/Enteric  Musculoskeletal/Lame  Neurologic  
 Reproductive  Respiratory  Tumor/Neoplasm  Unthriftiness  Urinary  Unexpected Death

**Discretion of the Lab:** ***POOLING OF SAMPLES WILL ONLY BE CONDUCTED UPON REQUEST.***

Please mark this box if all or some testing should be determined by the lab. You may wish to select some tests and have the lab determine the need for additional tests. If not marked, only the tests marked on page 2 will be performed.

**Special instructions, History, Clinical/Necropsy Findings and/or Treatments:**

**Export Testing**

It is the responsibility of the referring veterinarian to request the appropriate tests for export. The VDC will run only tests requested by the referring veterinarian. For export information and regulations, call (State Veterinarian) 402-471-2351 or (Federal Veterinarian) 402-434-2300.

## Testing Section

### Supplies (Insert number needed)

- Bacterial Culture Swabs
- Biopsy Mailers
- Collection Tubes  50ml  15ml  4.5ml
- Campylobacter* Transport Media
- Deep Nasal Swab Kits  3 animal kit  6 animal kit
- Trichomonas* In-pouches (Culture)
- Trichomonas* Transport Tubes (PCR)
- Viral Transport Media
- Guarded Swabs

### Pathology

#### Necropsy

- Gross Only
- Gross and Histopathology
- Gross and Discretion of Lab
- Research
- Spinal Cord Removal
- Postmortem Exam

#### Histopathology

- Biopsy
- Brain
- Fixed Tissue
- Clinical Pathology**
- Exfoliative Cytology
- Serum chemistry
- Total Protein
- Urinalysis
- Urine Cytology
- White blood cell count

### Bacteriology

- Aerobic Culture
- Anaerobic Culture
- Antimicrobial susceptibility
- Campylobacter* Reproductive
- Clostridium spp.* FA
- Gram Stain
- Fungal Culture
- Listeria* Culture
- Mannheimia haemolytica* typing MALDI-TOF MS
- Milk/Mastitis Culture
- Mycoplasma* Culture (bovine/ovine/caprine)
- Salmonella* Culture

### Parasitology

- AF Stain for *Cryptosporidia*
- Fecal Flootation
- Giardia/Crypto Antigen
- Gross Exam
- Larval Culture
- Quant Fecal Egg Count
  - STAT Testing (see fee schedule for turn-around-time and pricing)
  - Nematode Speciation PCR

### Commercial Lab Vaccine Production

- Forward isolate to the selected lab
- Save Isolate for Possible Vaccine
  - Addison Lab
  - American Animal Health Lab
  - Cambridge Lab
  - Huvepharma Lab
  - Newport Lab
  - Phibro Lab
  - \_\_\_\_\_

### Molecular Diagnostics

- Anaplasma marginale*
- Bacillus anthracis*
- Bluetongue Virus (BT)
- Bovine Coronavirus (BCV)
- Bovine *E. coli* typing
- Bovine Herpesvirus 1 (IBR)
- Bovine Respiratory Syncytial Virus (BRSV)
- Bovine Rotavirus Typing
- Bovine Viral Diarrhea Virus (BVD)
- Bovine Viral Diarrhea Virus Genotyping
- Bovine Viral Diarrhea Virus Sequencing
- Chlamydomphila spp.*
- Clostridium perfringens* typing
- Epizootic Hemorrhagic Disease (EHD)

- Johne's Direct Fecal
  - Pool samples (can pool up to 5/pool)
- Leptospira spp.*
- Listeria monocytogenes*
- Malignant Catarrhal Fever (MCF)
- Mycoplasma bovis*
- Mycoplasma bovoculi*
- Mycoplasma spp.*
- Nematode speciation
- Neospora caninum*
- Parainfluenza-3 Virus (PI3)
- Q-fever (*Coxiella burnetii*)
- Rabies variant typing
- Ureaplasma spp.*

### Toxicology (Referred to Another Lab)

- ( Cholinesterase
- Calcium and Magnesium
- Copper
- Heavy Metals
- Ionosphere Panel
- Lead
- Magnesium
- Mycotoxin Screen
- Nitrate (bio fluids, water, or forage)
- Nitrates (bio fluids or water)
- Organophosphate Insecticides
- Poisonous Plant ID
- Selenium
- Trace Minerals
- Toxin Screen by GC-Mass Spec
- Vitamin A
- Vitamin E
- Water Quality Panel
- \_\_\_\_\_

### Molecular Diagnostics Multiplex Disease Panels

- Calf Diarrhea (*E. coli* K99, *Salmonella*, *Cryptosporidium*, Rotavirus, & Coronavirus)
- Multiplex Bovine Respiratory Disease (BHV-1, BVDV, BRSV, BCV)
- Bacterial Bovine Respiratory Disease (*Pasteurella multocida*, *Mannheimia haemolytica*, *Mycoplasma bovis*, *Histophilus somni*)
- Pan-coronavirus PCR
- Abortion Panel (*Leptospira*, IBR, NEO, BVD)

### ELISA

- Anaplasma marginale*
- Bluetongue (BT)
- Bovine Leukemia Virus (BLV)
- Pregnancy
- Failure Passive Transfer Bovine (FPT)
- Mycobacterium paratuberculosis* (Johne's)
- Neospora caninum*

### AGID

- Bluetongue
- Caprine Arthritis Encephalitis (CAE)
- Ovine Progressive Pneumonia (OPP)

### Microagglutination Testing

- Leptospira* MAT (6 serovars)

### Serology

#### Serum Neutralization

- Bovine Respiratory Syncytial Virus (BRSV)
- Bovine Viral Diarrhea Virus (BVD) Type 1
- Bovine Viral Diarrhea Virus (BVD) Type 2
- Infectious Bovine Rhino. (IBR)
- Parainfluenza 3 (PI3) Virus

#### Bacterial Serology

- Brucella abortus* Antigen Test\*
    - BAPA Test \*
    - Card Test\*
    - Standard Plate Test (SPT)\*
    - Complement Fixation (CF)\*
  - Brucella melitensis* Antigen Test\*
- \*Requires VS Form 4-33 Brucellosis Test Record

### Virology

- Bovine Rotavirus Antigen ELISA
  - BVD Antigen Capture ELISA
  - Rabies FA
- For probable human exposure rabies cases go to:  
<https://dhhs-nedss2.ne.gov/rabies/fs/index.xhtml>
- Electron Microscopy (EM)
  - Virus Isolation (VI)

### Additional Testing Not Listed

**Fees** - Refer to the NVDC Fee Schedule for pricing at <https://vbms.unl.edu/nvdl> or call (402)472-1434.

