Nebraska Veterinary Diagnostic Laboratory

General Policies and Fee Schedule Effective January 1, 2015 Fees are subject to change without notice.

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# **GENERAL POLICIES**

To promote clear communication, efficient and prompt service, and uniform policies applied by our staff, the following business operating guidelines were established. Fees in the following schedule apply to clients in and outside of Nebraska.

## 1. Accession

An accession represents a laboratory submission from a single clinical problem (disease syndrome) from one herd. An accession may consist of single or multiple animals or specimens from the same production unit, same species, and same age group, with one clinical problem. For multiple animals to be considered a single accession the lab must retain the right to select samples for additional testing and pool testing at the discretion of the case coordinator to mitigate costs. Pooling is only done when no loss in diagnostic sensitivity is anticipated.

- a. Submissions consisting of multiple animals with different clinical problems will be handled as separate accessions.
- b. Multiple specimens submitted for specified testing (not marked discretion of the laboratory) in which identification of all individual samples is retained may be billed with one accession fee.
- c. Submission of a specimen or sample to the VDC Laboratory constitutes agreement to the policies of the VDC Laboratory and transfers ownership of the submitted specimen or sample and any intellectual property rights derived from them to the VDC Laboratory.
- d. Agreement to allow subcontracting of tests not currently performed is implied by submission to our facility.
- e. Most testing will be performed at the UNL campus in compliance with our Quality Assurance documents. Subcontracted tests will be noted and the test site will be specified in the final report. Subcontracted tests will be contracted to labs accredited with equal or higher standards or a quality audit will be performed.

## 2. Payment

The person requesting laboratory services is responsible for payment. The submitting veterinarian will be billed for services forwarded on behalf of clients. *Veterinarians <u>should not request</u> the Diagnostic Center bill owners directly for services. Owners requesting service without a veterinarian are required to pay at the time of sample delivery.* 

- a. Laboratory charges are billed each month and payment is due upon receipt. Laboratory services will be suspended if an account is more than 60 days past due.
- b. A returned check service fee of \$30.00 will be charged for each returned check.

c. The University of Nebraska Veterinary Diagnostic Center will accept payments by cash, check, or credit card.

## 3. Accession and Shipping Fees

- a. A submission and UNL administration fee will be charged on most accessions at a rate of \$16.00. This fee will not be charged for EIA (Coggins) testing.
- b. The cost of shipping, along with related supply costs, will be charged when forwarding to other reference labs.
- c. Shipping bacterial isolates usually results in extra charges and requires the return of shipping containers. On return, UNL certified containers will be billed at cost.
- **d.** The serology handling fee is \$1.10.

## 4. Disposal

Labs pay rendering fees associated with eliminating animal remains. All sheep must be incinerated. Refer to the schedule for current fees.

## 5. Biopsy Fees

- a. Fees for biopsies are charged at **\$32.00 per site**. A generalized disease process may be considered as one site, i.e. multiple biopsies for a generalized dermatologic condition will be charged as one site.
- b. All other services will be billed at regular prices.
- **c.** Charges incurred due to referral to another lab for second opinions may be charged if shipped at your request.
- d. Second opinion review of sections in-house will be done free of charge.
- e. For multiple tissues (necropsy in a bottle) or small animal necropsy, the lab can provide an estimate of charges to assist your billing cash-only clients. Call for an estimate if needed.
- f. See schedule for general necropsy charges.

# 6. Unanticipated Fees

Significant additional or unanticipated testing will be performed only after consultation with and approval by the person requesting laboratory services. Additional testing will be charged at the current rate.

# 7. Toxicology

Diagnostic toxicology consultation is available at the UNL VDC. *Please call our diagnostic toxicologist at* 402-472-1434 if you have any questions about diagnostic toxicology services.

All analytical toxicology services are obtained from extramural laboratories. We select an appropriate laboratory based on the specimen submitted and service requested. A few of the frequently used services and fees are listed below.

•	Mycotoxins Screen	\$100.00
•	Mineral Panel (feed and tissue)	\$ 55.00
•	Mineral Panel (serum and water)	\$ 50.00
•	Nitrate and Nitrite (fluids)	\$ 30.00

Fees are established by referral laboratories and are subject to change without notice.

# Effective January 1, 2015

## **NECROPSY:**

TEST	FEE	SPECIMEN	SHIPPING	COOLANT	DAYS	TURN-	COMMENTS
			CONTAINER		TESTED	AROUND	
Necropsy only (3 animals, multiple birds).	\$52.00	Whole or		Ice packs, if	M-F		Do not freeze specimen(s).
With the approval of the client, added fees		partial		sent by mail			
will be charged for additional testing.		cadaver					
Cosmetic Necropsy – small animals only; less	\$78.00	Whole or			M-F		Brain will not be examined.
than 50 lbs.		partial					
		cadaver					
Spinal Cord Removal – large animals only.	\$155.00	Whole					
		Cadaver					

#### Disposal Fees:

Cows & Pigs greater than 120 lbs.	\$42.00
Cows & Pigs less than 120 lbs.	\$31.00
Horses	\$181.00
Foals	\$31.00
Incineration Fees:	
Large Animal, minimum of \$250.00, plus \$1.00 for	\$250.00
each lb. over 250 lbs.	
Small Animal	\$52.00
Sheep greater than 50 lbs.	\$52.00
Sheep less than or equal to 50 lbs.	\$26.00

\$16.00
<u>52.00</u>

PANELS							
TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
<b>Calf Diarrhea Molecular Panel</b> (Realtime Multiplex PCR for K99+ E. coli, Salmonella spp., Cryptosporidium, Bovine Coronavirus, and Bovine Rotavirus. Aerobic culture and antimicrobial susceptibility (if needed)	\$85.00				M-F		
Multiplex Bovine Respiratory PCR (IBR, BCV, BVD, BRSV)	\$44.00/sample						\$52.00 savings by selecting Multiplex PCR over individual PCR tests.
Tick Screen (E. canis, Lyme, RMSF)	\$41.00/sample	Serum		Frozen gel packs	M-F		\$7.00 savings by selecting panel over individual tests.

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Cytology (impression smears, fine needle aspirates)	\$23.00/sample	Slides; needle aspirates			M-F	24 hrs.	Slides must be sent in a breakproof container.
Fluid Cell Count with Differential	\$18.00/sample	EDTA tube					
Total Protein	\$7.00/sample	Fluid			M-F	24 hrs.	
Urinalysis	\$10.00/sample	Urine			M-F	24 hrs.	
Sediment Analysis	\$5.00/sample	Urine			M-F	24 hrs.	
Urine Cytology	\$23.00/sample	Refrigerated sample					

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Віорѕу	\$32.00/site	Formalin fixed tissues			M-F		Container lids must be secure and bags must be leakproof. Place paperwork in a separate zip-lock bag.
Cryosection	\$11.00				M-F		
H&E (Hematoxylin & Eosin) Stain (multiple tissues)	\$16.00/slide	Formalin fixed tissues			M-F		Bags/containers must be leakproof. Place paperwork in a separate zip-lock bag.
H&E Additional Blocks	\$16.00/slide						
H&E Brain	\$11.00/slide	Formalin fixed tissues			M-F		
H&E with decalcification	\$16.00						
Special Stains: Acid Fast, Fite, Congo Red, Oil Red O, Elastin, Giemsa, GMS, Luna, Trichrome, Gram, Iron, PASM, PASF, Warthin Starry Lawsonia, Warthin Starry Spirochete, Von Kossa, Rhodanine	\$7.50/slide						
Additional Histological Technician's Time	\$19.00/hour						

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Bovine: BCV, BVD, B Rota, BRSV, IBR, Neospora	\$21.00/antigen	Formalin- fixed tissues			M-F		
<u>Porcine</u> : <i>Brachyspira</i> , Circo, <i>Lawsonia, Leptospira</i> , Parvo, P Rota, PRRS, TGE	\$21.00/antigen	Formalin- fixed tissues			M-F		
<u>Canine</u> : IgG, Cytokeratins, Vimentin, Desmin, Endothelium (Factor 8), S-100, Melan-A, CD 18 (Macrophage), Actin, Parvovirus	\$21.00/antigen	Formalin- fixed tissues			M-F		
<u>Any Species</u> : C-Kit, GFAP, <i>Leptospira</i> , Rotavirus group A, Synaptophysin	\$21.00/antigen	Formalin- fixed tissues			M-F		
Skin BVD, samples run 1 to 240 samples 241 samples or more	\$4.25/sample \$3.50/sample	Formalin- fixed tissues			M-F		
Skin BVD IHC Paraffin Block	\$15.00/sample	Formalin- fixed tissues			M-F		
Skin BVD, Premade Slide	\$11.00/sample	Formalin- fixed tissues			M-F		
B/T Cell IHC	\$39.00/sample				M-F		
C-Kit/CD 117 IHC	\$21.00/sample				M-F		
CD34 IHC	\$23.00/sample				M-F		
Chronic Wasting Disease (CWD) IHC	\$34.00/sample				M-F		
Panleukopenia IHC	\$21.00/sample				M-F		
SIV IHC	\$23.00/sample				M-F		
Tryptase MCT IHC	\$21.00/sample						
West Nile Virus (WNV) IHC	\$21.00/sample				M-F		

BACTERIOLOGY:							
TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Aerobic Culture	\$7.00/culture	<ol> <li>1) swab</li> <li>2) affected tissue</li> <li>3) body fluid</li> </ol>	1) culturette 2) sterile container	Frozen gel packs	M-F	2-5 days	Samples should be kept cool and moist in transit.
Anaerobic Culture	\$7.00/culture	<ol> <li>1) swab</li> <li>2) affected tissue</li> <li>3) body fluid</li> </ol>	1)anaerobic transport media 2) sterile container	1) none 2) frozen gel packs	M-F	2-5 days	Ship overnight.
Antimicrobial Susceptibility Test	\$21.00/organism						
Bacterial ID	\$12.00						
<i>Salmonella sp</i> . Enrichment Culture	\$12.00/culture	<ol> <li>feces</li> <li>affected tissue</li> </ol>	1) Sterile container	Frozen gel packs	M-F	2-5 days	Samples should be kept cool and moist in transit.
<i>Brachyspira hyodysenteriae</i> Culture	\$7.00/culture	1 - Feces 2 - Fecal swab	<ol> <li>culturette</li> <li>sterile container</li> </ol>	Frozen gel packs	M-F	3-7 days	Samples should be kept cool and moist in transit.
Acid-fast Stain for <i>Mycobacterium sp.,</i> without culture	\$7.00/sample	<ol> <li>feces</li> <li>affected tissue</li> </ol>	1) Sterile container	Frozen gel packs	M-F	1-2 days	Samples should be kept cool and moist in transit.
C difficile Culture	\$12.00						
C difficile Antigen	\$32.00						
Campylobacter culture (intestinal and fecal)	\$12.00/culture	1)intestine 2)feces	<ol> <li>Sterile</li> <li>container</li> <li>CMMA</li> </ol>	1)frozen gel packs 2)none	M-F	2-5 days	
Campylobacter culture (reproductive)	\$12.00/culture	1)uterine swab 2)preputial wash	<ol> <li>Sterile</li> <li>container</li> <li>CMMA</li> </ol>	1)frozen gel packs 2)none	M-F	4-6 days	Samples should be kept cool and moist in transit.
Culture Isolate Slant request**	\$7.00				M-Th		**To assure a viable slant, please request slant within 5 days of final report. <i>Client</i> <i>must provide the VDC with</i> <i>a copy of their USDA</i> <i>permit to ship vectors for</i> <i>the destination location.</i>
Fungal Culture	\$12.00/sample	<ol> <li>1) swab</li> <li>2) affected tissue</li> <li>3) body fluid</li> </ol>	<ol> <li>culturette</li> <li>sterile container</li> </ol>	Frozen gel packs	M-F	1-4 weeks	Samples should be kept cool and moist in transit.
Fluorescent Antibody FA Test for Clostridium novyi, chauvoei, septicum, and sordeli	\$14.00/sample	1)muscle	2) sterile container	Frozen gel packs	M-F	1-2 days	Samples should be kept cool and moist in transit.

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Fluorescent Antibody FA Test for Leptospira sp.	\$20.00/sample	1)urine 2)kidney	2) sterile container	Frozen gel packs	M-F	1-2 days	Samples should be kept cool and moist in transit.
Fluorescent Antibody FA Test for Brucella canis	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Tick Screen (Canine Lyme Disease, Rocky Mountain Spotted Fever, Ehrlichia canis)	\$41.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	\$7.00 savings by selecting screen over individual tests.
Fluorescent Antibody FA Test for Canine Lyme Disease	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Fluorescent Antibody FA Test for Ehrlichia canis	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Fluorescent Antibody FA Test for Rocky Mountain Spotted Fever	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Gram Stain	\$7.00/sample						
Johne's ( <i>M. paratuberculosis</i> ) Culture, solid includes PCR confirmation of positives	\$32.00/sample	1)feces	2) sterile container	Frozen gel packs	M-W	10-12 weeks	Samples should be kept cool in transit.
KOH Prep	\$7.00/sample						
Listeria Cold Enrichment	\$12.00/sample	1)brain stem	1) sterile container	Frozen gel packs	M-F	6 weeks	Samples should be kept cool and moist in transit.
Milk Culture	\$7.00/culture	Milk	1) sterile container	Frozen gel packs	M-F	2-3 days	Samples should be kept cool in transit.
<i>Mycoplasma</i> Culture (Bovine/Ovine/Caprine)	\$18.00/culture	1) swab 2) affected tissue 3) body fluid	<ol> <li>culturette</li> <li>sterile container</li> </ol>	Frozen gel packs	M-F	1-4 weeks	Samples should be kept cool and moist in transit.
Organism ID	\$12.00						
Quantitative Bacterial Culture	\$25.00/culture						
Staphylococcus aureus Culture	\$7.00/culture	Milk	1) sterile container	Frozen gel packs	M-F	2-3 days	Samples should be kept cool in transit.
Total Plate Count	\$20.00				M-F		
Water Culture for Coliforms	\$29.00	Minimum of 100 ml. water	1) sterile container	Frozen gel packs	M-F	2-3 days	Samples should be kept cool in transit.

TEST	FEE	SPECIMEN	SHIPPING	COOLANT	DAYS	TURN-	COMMENTS
			CONTAINER		TESTED	AROUND	
Bacillus anthracis PCR	\$32.00/sample	Spleen	1) sterile container	Frozen gel packs	M-F	48-72	
						hours	
Brachyspira pilosicoli PCR	\$32.00/sample	Feces or colon	1) sterile container	Frozen gel packs	M-F	48-72 hours	Organism must be grown on culture before PCR can be
							performed
Calf Diarrhea Molecular Panel (Realtime Multiplex PCR for K99+ E. coli, Salmonella spp., Cryptosporidium, Bovine Coronavirus, and Bovine Rotavirus. Aerobic culture and antimicrobial susceptibility (if needed)	\$85.00				M-F		
Campylobacter fetus subsp.	\$32.00/sample					48-72	
fetus and venerialis PCR	<i>\$</i> 52100750111p1c					hours	
Campylobacter jejuni &	\$32.00/sample					48-72	
Campylobacter coli PCR	. , .					hours	
Chlamydia PCR	\$32.00/sample	1) swab	1) culturette	Frozen gel packs	M-F	48-72	
		<ol> <li>affected</li> <li>tissue</li> <li>body fluid</li> </ol>	2) sterile container			hours	
Clostridium perfrengens PCR	\$32.00/sample	Live organism			M-F	48-72	
(toxin typing – from culture)						hours	
Calf Diarrhea <i>E. coli</i> PCR	\$13.00/sample	Live organism			M-F	48-72 hours	Screening from bacterial growth.
<i>E. coli</i> typing (pili, toxin) – from	\$32.00/sample	Live organism			M-F	48-72	Screening from bacterial
culture	<i>\$</i> 52100750111p1c					hours	growth.
Johne's ( <i>M. paratuberculosis</i> ) Direct Fecal PCR	\$32.00/sample	feces	1) sterile container	Frozen gel packs	Th	48-72 hours	5
Lawsonia intracellularis PCR	\$32.00/sample	Intestinal	1) sterile container	Frozen gel packs	M-F	48-72	
		scrapings; feces	,	<u> </u>		hours	
Leptospira sp. PCR	\$32.00/sample	1)Urine	1) sterile container	Frozen gel packs	M-F	48-72	
		2)Kidney				hours	
Listeria PCR	\$32.00/sample	Brain stem	1) sterile container	Frozen gel packs	M-F	48-72	
						hours	

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TEST	F	SPECIMEN	SHIPPING	COOLA	DAYS	TURN-	COMMENTS
	E	4)	CONTAINER	NT	TESTED	AROUND	
	\$32.00/sample		1) culturette	Frozen gel	M-F	48-72	
<i>Mycoplasma</i> PCR – General		2) affected	2) sterile container	packs		hours	
		tissue					
Mycoplasma bovis PCR	\$32.00/sample	3) body fluid 1) swab	1) culturette	Frozen gel	M-F	48-72	
Nycopiusina bovis PCR	\$32.00/sample	2) affected	2) sterile	packs	IVI-F		
		tissue	,	раскъ		hours	
		3) body fluid	container				
Mycoplasma bovoculi PCR	\$32.00/sample	S) bouy huiu			M-F	48-72	
	\$52.00/sample				101-1	hours	
Mycoplasma felis PCR	\$32.00/sample	1) swab	1) culturette	Frozen gel	M-F	48-72	
wycopiusina jens i ek	\$52.00/sample	2) affected	2) sterile	packs	101 1	hours	
		tissue	container	puero		nours	
		3) body fluid					
Mycoplasma haemofelis/	\$32.00/sample	EDTA whole		Frozen gel	M-F	48-72	
haemominutium PCR	¢0_100,001p.0	blood		packs		hours	
Mycoplasma	\$32.00/sample	1) swab	1) culturette	Frozen gel	M-F	48-72	
hyopneumoniae PCR		2) affected	2) sterile	packs		hours	
, ,		tissue	container				
		3) body fluid					
Mycoplasma hyosynoviae	\$32.00/sample	1) swab	1) culturette	Frozen gel	M-F	48-72	
PCR		2) affected	2) sterile	packs		hours	
		tissue	container				
		3) body fluid					
Moraxella Typing	\$32.00/sample	Live organism			M-F	48-72	
						hours	
Tritrichomonas foetus PCR	\$32.00/sample	Preputial	InPouch (InPouch	Frozen	MWF		InPouches must be incubated for a
		wash; vaginal	should be incubated @	gel packs			minimum of 18-24 hours before testing.
		wash	98° F/37° C for 18-24				All samples not sent in InPouches will be
			hours and then frozen)				inoculated to media in the lab at your
							cost (\$5.75/InPouch plus
							\$4.25/inoculation fee)
<i>Ureaplasma sp.</i> PCR	\$32.00/sample		1) culturette	Frozen gel	M-F	48-72	
		2) affected	2) sterile	packs		hours	
		tissue	container				
		<ol><li>body fluid</li></ol>					

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Acid Fast Stain for Cryptosporidia sp.	\$9.00/sample	Feces	1) sterile container 2) 1:1 ratio of feces to formalin	Frozen gel packs	M-F	24 hours	
Ectoparasite Exam	\$9.00/sample	Parasite or organism		Ambient temperature	M-F		
Fecal Gross Evaluation	\$41.00/sample	Feces					
Fecal Flotation	\$9.00/sample	Feces	1) sterile container	Frozen gel packs	M-F	24 hours	
Giardia/Cryptosporidium Antigen Test	\$26.00/sample	Feces	1) sterile container	Frozen gel packs	M-F	24 hours	
Quantitative Fecal Egg Count	\$25.00/sample	Feces	1) sterile container	Frozen gel packs	M-F	48 hours	
Parasite gross or microscopic identification	\$9.00/sample	Parasite or organism	1) sterile container	Room Temp	M-F	24 hours	
<i>Tritrichomonas foetus</i> InPouch (incubate & read)	\$9.00/culture	Preputial wash; vaginal	1) sterile container	Ambient temperature	M-F	4-6 days	Samples are incubated for 4-6 days before they are read.
<i>Tritrichomonas</i> Inoculation Fee	\$6.00/InPouch \$4.00/Inoc Fee	Preputial wash; vaginal wash	InPouch	Ambient temperature NO ICE PACKS	M-F	4-6 days	Pouches are inoculated and then samples are incubated for 4-6 days before they are

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
			Bovine:				
Brucellosis Card Test	\$2.20/sample	Serum		Frozen gel packs	M-F	24 hrs.	VS Form 4-33 Brucellosis Test Record required for testing.
Brucellosis Buffered Acidified Plate Test	\$2.20/sample	Serum		Frozen gel packs	M-F	24 hrs.	VS Form 4-33 Brucellosis Test Record required for testing.
Brucellosis Rivanol Test	\$5.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	VS Form 4-33 Brucellosis Test Record required for testing.
Brucellosis Standard Plate Test	\$4.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	VS Form 4-33 Brucellosis Test Record required for testing.
<i>Leptospira</i> Microtiter (6 serovars)	\$11.00/sample	Serum		Frozen gel packs	Т	5 days	
Canine:							
Brucellosis Card Test	\$2.20/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Brucella canis Latex Agglutination	\$15.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Brucella canis IFA Test	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Ehrlichia canis IFA Test	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
<i>Leptospira</i> Microtiter (6 serovars)	\$11.00/sample	Serum		Frozen gel packs	Т	5 days	
Lyme Disease IFA Test	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Rocky Mountain Spotted Fever (RMSF)	\$16.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Tick Screen (E. canis, Lyme, RMSF)	\$41.00/sample	Serum		Frozen gel packs	M-F	24 hrs.	
Porcine:							
Brucellosis Card Test	\$2.20/sample	Serum		Frozen gel packs	M-F	24 hrs.	VS Form 4-33 Brucellosis Test Record required for testing.
Leptospira Microtiter (6 serovars)	\$11.00/sample	Serum		Frozen gel packs	Т	5 days	
Caprine/Ovine:							
Brucella Melitensis Testing	\$2.20	Serum		Frozen gel packs	M-F	24 hrs.	VS Form 4-33 Brucellosis Test Record required for testing.

VIROLOGY:							
TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Large Animal:							
Antigen Capture ELISA:							
BVDV (serum)	\$7.00/sample	Serum		Frozen gel packs	As needed	48 hrs.	
Bovine Rota Virus	\$18.00/sample	Feces		Frozen gel packs	As needed	48 hrs.	
Chronic Wasting Disease (CWD) ELISA	\$34.00/sample						
Electron Microscopy (neg. stain)	\$47.00/sample	Feces		Frozen gel packs	As needed	48-72	
						hrs.	
Rabies Testing FA (non-human	\$34.00/head;	Entire head		Frozen gel packs	As needed	24 hrs.	
exposure)	\$23.00/brain						
Wildlife Surveillance Samples	\$6.00/sample	Entire brain, fresh					
Virus Isolation - in cell culture (cell lines	\$37.00/single	Tissue		Frozen gel packs	Tuesdays	2 wks.	Samples must arrive at lab 24
to support bovine, porcine virus and	sample	Serum					hours prior to testing days.
select small animal and equine viruses)		(PRRS)					
Companion Animal:							
Electron Microscopy (neg. stain fecal)	\$47.00	Feces		Frozen gel packs	As needed	48-72	
						hrs.	
Rabies Testing FA (non-human	\$34.00/head;	Entire head		Frozen gel packs	As needed	24 hrs.	
exposure)	\$23.00/brain	Entire brain, fresh					
Wildlife Surveillance samples	\$6.00/sample						
Virus Isolation (call for specific availability)	\$35.00			Frozen gel packs	As needed	2-3 wks.	Turnaround time will depend on virus.

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
<u>Avian Influenza</u> AI Realtime PCR; AIH5; AIH7; H1N1 Matrix Realtime PCR; H1N1 N1 Realtime PCR	\$32.00/sample	Cloacal & tracheal swabs (1 ea.)		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
BCV Realtime PCR	\$32.00/sample						
Bovine Viral Diarrhea (BVD) Realtime PCR (Screen)	\$32.00/sample	Serum, fresh ear notch		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
BVD Realtime PCR – pooled ear notch screen: 16-30 samples 11-15 samples 1-10 samples	\$59.00 \$34.00 \$32.00	Fresh ear notch		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
BT Realtime PCR	\$32.00/sample						
BVD Genotyping	\$52.00/sample			Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Bovine Respiratory Syncytial Virus (BRSV) PCR	\$32.00/sample	Nasal swab or lung tissue		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
B. rota/BCV Realtime PCR	\$32.00	Feces		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days
Canine Distemper Virus (CDV)	\$32.00/sample	Conjunctival scrapings,urine, whole		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Canine Herpes Virus (CHV) Realtime PCR	\$32.00/sample				As needed		
Canine Influenza Virus (Screening) Realtime PCR				Frozen gel packs			
Classical Swine Fever (CSF) Realtime PCR	\$32.00/sample	Tonsil, nasal swabs		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Epizootic Hemorrhagic Disease (EHD) Realtime PCR	\$32.00/sample						
Equine Influenza PCR	\$32.00/sample						
Equine Viral Arteritis (EVA) Realtime PCR	\$32.00/sample	Naso-pharyngeal & conjunctival swabs &		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Equine Herpes Virus-1 (EHV-1) Realtime PCR	\$32.00/sample	Nasal swabs		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days. Call lab for viral transport media.

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Equine Herpes Virus-1 (EHV-1) Realtime PCR	\$32.00/sample	Nasal swabs		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days. Call lab for viral transport media.
F. Calici Realtime PCR	\$32.00/sample						
Feline Infectious Peritonitis (FIP) PCR	\$32.00/sample	Abdominal fluid/tonsil lymphoid tissue; liver, kidney from dead animal		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Feline Herpes Virus-1	\$32.00/sample						
(FHV-1) Realtime PCR							
Foot and Mouth (FMD) Realtime PCR	\$32.00/sample	Call lab		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
HoBi Virus PCR	\$32.00/sample						
Malignant Catarrhal Fever (MCF) Realtime PCR	\$32.00/sample	Lymphoid tissue or purple top		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Multiplex Bovine Respiratory PCR (IBR, BCV, BVD, BRSV)	\$44.00/sample						
IBR Realtime PCR	\$32.00/sample	Nasal swabs,		Frozen gel packs			
Neospora PCR	\$32.00/sample	Brain, skeletal muscle, heart		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Newcastle Disease Virus (NDV) Realtime PCR	\$32.00/sample	Cloacal swabs		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
PI-3 Parainfluenza Realtime Type 3 PCR	\$32.00/sample						
P. Parvo PCR	\$32.00/sample			Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Porcine Circovirus (PCV) Realtime PCR	\$32.00/sample	Purple-top tube		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
PCV/Parvo PCR	\$32.00/sample						

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
PRRS Quantitative PCR 1 <sup>st</sup> sample Samples greater than 1	\$75.00 \$27.00						
Porcine Reproductive and Respiratory Syndrome (PRRS) Realtime PCR	\$32.00/sample	Serum, lymphoid tissue		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
PRRS Virus Titration	\$13.00/sample						
PRRS Sequencing (on viral isolate)	\$32.00 for PCR Call lab for sequencing fee.	Viral isolate		Frozen gel packs	As needed	2 wks.	Samples must arrive at lab 24 hours prior to testing days.
Pseudorabies Virus (PRV) PCR	\$32.00/sample	Call lab		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Q-Fever Realtime PCR	\$32.00/sample	Placenta, aborted fetus		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Rota Typing PCR	\$117.00						
Swine Influenza Virus (SIV) Realtime PCR	\$32.00 for screening	Lung		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
West Nile Virus (WNV) Real-time PCR	\$32.00	Call VDC		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Avian:							
Avian Encephalomyelitis (AE) ELISA	\$4.00/sample	Serum					
Avian Influenza Virus (AI) ELISA	\$4.00/sample	Serum		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Avian Influenza Virus (AI) AGID	\$7.00/sample	Serum					
Infectious Bronchitis Virus ELISA	\$4.00/sample	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Infectious Bursal Disease (IBD) ELISA	\$4.00/sample	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Newcastle Disease Virus ( <i>NDV-T</i> & <i>NDV-C</i> ) ELISA	\$4.00/sample	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Salmonella pullorum Microtiter	\$6.00/test	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
West Nile Virus ELISA IgM	\$12.00/sample	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
West Nile Virus ELISA, IgG	\$12.00/sample	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Bovine: (0.5 ml/virus)							
Bovine Parainfluenza-3 Virus SN	\$12.00/sample	Serum		Frozen gel packs	M & F	5 days	Samples must arrive at lab 24 hours prior to testing days.
Bovine Respiratory Syncytial Virus (BRSV) SN	\$12.00/sample	Serum		Frozen gel packs	M & F	5 days	Samples must arrive at lab 24 hours prior to testing days.
Anaplasmosis ELISA 1 to 2 samples 3 samples or more	\$12.00/sample \$7.00/sample	Serum		Frozen gel packs	As needed	48- 72 hrs.	Samples must be at lab by 10:30 a.m.
Bluetongue Virus AGID or ELISA	\$7.00/sample	Serum		Frozen gel packs	As needed	3 days for AGID; 24-48	Samples must be at lab by 10:30 a.m.

# VIROLOGY – SEROLOGY: (cont'd.)

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS
Bovine (cont'd.): (0.5 ml/virus)							
Bovine Pregnancy ELISA 1-2 samples 3 and above	\$16.00/sample \$6.00/sample						
Bovine Leukemia Virus (BLV) ELISA 1-44 samples 45 and above	\$7.00/sample \$6.00/sample						
Bovine Leukemia Virus (BLV) AGID	\$7.00/sample						
Bovine Respiratory Syncytial Virus (BRSV) SN	\$12.00/sample	Serum		Frozen gel packs	M & F	5 days	Samples must arrive at lab 24 hours prior to testing days.
BVD Type I (Antibody detection) SN	\$12.00/sample	Serum		Frozen gel packs	M & F	5 days	Samples must arrive at lab 24 hours prior to testing days.
BVD Type II (Antibody detection) SN	\$12.00/sample	Serum		Frozen gel packs	M & F	5 days	Samples must arrive at lab 24 hours prior to testing days.
EHD (Epizootic hemorrhagic Disease) AGID	\$7.00/sample						
Failure of Passive Transfer (FPT) Bovine Horses, llamas, alpacas	\$7.00 \$15.00			Frozen gel packs	As needed	24 hrs.	
IBR Virus (Infectious bovine rhinotracheitis) SN	\$12.00/sample	Serum		Frozen gel packs	M & F	4 days	Samples must arrive at lab 24 hours prior to testing days.
Mycobacterium paratuberculosis (Johne's Disease) ELISA 1 to 99 samples 100 samples or more	\$6.00/sample \$5.40/sample	Serum		Frozen gel packs	W & F	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Neospora caninum ELISA	\$7.00/sample	Serum		Frozen gel packs	As needed	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.

TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTE	TURN- AROUN	COMMENTS
Canine:							
West Nile Virus ELISA IgM	\$12.00/sample	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
West Nile Virus ELISA IgG	\$12.00/sample	Serum		Frozen gel packs	As needed	48-72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Caprine:							
Caprine Arthritis Encephalitis (CAE)/Ovine Progressive Pneumonia (OPP) AGID	\$7.00/sample	Serum		Frozen gel packs	As needed	3 days	Samples must arrive at lab 24 hours prior to testing days.
Prionics (Johne's Disease) ELISA/Ovine	\$6.00/sample			Frozen gel packs	W & F	24 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Equine:							
Coggins Testing (EIA) ELISA AGID	\$7.50/sample No accession fee.	Serum		Frozen gel packs	Daily	24 hrs.	Samples must arrive at lab by 1 p.m. for same-day testing.
EHV-1 (Equine Herpes Virus) SN	\$12.00/sample	Serum					
West Nile Virus ELISA IgM	\$12.00/sample	Serum		Frozen gel packs	As needed	48 – 72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
West Nile Virus ELISA IgG	\$12.00/sample	Serum		Frozen gel packs	As needed	48 – 72 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Porcine:							
APP Screen ELISA	\$6.00/sample	Serum		Frozen gel packs	As needed	24-48 hrs.	
M. hyopneumoniae ELISA	\$5.00/sample	Serum		Frozen gel packs	T & Th	24 hrs.	Samples must arrive at lab by 10:30 a.m.
Porcine Parvovirus HAI	\$8.00/sample	Serum		Frozen gel packs	W	48 hrs.	Samples must arrive at lab 24 hours prior to testing days.
Porcine Reproductive and Respiratory Syndrome (PRRS) Virus ELISA	\$5.00/sample	Serum		Frozen gel packs	T & Th	24 hrs.	Samples must arrive at lab by 10:30 a.m.
PRV Screening (gB) ELISA	\$4.00/sample	Serum		Frozen gel packs	As needed		Samples must arrive at lab by 10:30 a.m.
PRV gI ELISA	\$4.00/sample	Serum		Frozen gel packs	As needed		Samples must arrive at lab by 10:30 a.m.
PRV SN	\$12.00/sample	Serum		Frozen gel packs	As needed		Samples must arrive at lab 24 hours prior to testing days.

VIROLOGY – SEROLOGY: (cont'd.)									
TEST	FEE	SPECIMEN	SHIPPING CONTAINER	COOLANT	DAYS TESTED	TURN- AROUND	COMMENTS		
Porcine (cont'd.):									
Swine Influenza Virus (SIV) HAI	\$12.00/sample	Serum		Frozen gel packs	Wed.		Samples must arrive at lab 24		
$H_1N_1$							hours prior to testing days.		
Swine Influenza Virus (SIV) HAI	\$12.00/sample	Serum		Frozen gel packs	W		Samples must arrive at lab 24		
H <sub>3</sub> N <sub>2</sub>							hours prior to testing days.		
Transmissible Gastroenteritis Virus (TGE)	\$12.00/sample	Serum		Frozen gel packs	M or F	5 days	Call VDC before submitting		
SN							samples.		

### MEDIA AND SUPPLIES

Amies swabs	\$3.00/each
Campylobacter transport media	\$4.00/tube
Anaerobic transport (Port-a-Cult) tubes	
Trichomonas transport media	\$7.00/each
Viral transport media	no charge
Biopsy mailers	no charge
Plate Media (10 plates per package)	
Serology Handling Fee	\$1.10/each

### FIELD INVESTIGATION (Available through consultation with local veterinarian only.)

Site visit for pathologist and/or extension investigations, call for information at 402-472-1434.

### ADMINISTRATION AND CONSULTATION WORK

Legal and Professional Consultation fees	
(includes paperwork, depositions)	\$206.00/hour minimum
Photo Documentation	\$6.00/image or printed page
Administration fee	\$52.00/hour

### **MISCELLANEOUS INFORMATION**

Submission and UNL Administrative Fee per accession	\$16.00/each	
Serology Handling Fee	\$1.10/each	
Referral Processing Fee	\$1.00/each	
\$15.00 for regular shipping and a handling fee will be charged for specimens sent to an outside laboratory.		
The minimum charge for overnight shipping is \$17.00.		

Related assays can be developed for research or service needs. Contact the Diagnostic Center for further information.

### LABORATORY RESULTS

Case results are accessible on the Internet. To view case results, please go to: <u>http://vdc.unl.edu</u> and request a password.

Results may be faxed or e-mailed as they become available. Please keep us informed of changed numbers/addresses. Thank you.

### **Animal Disease Phone/Fax Numbers:**

<u>Nebraska Veterinary Diagnostic Center:</u> Phone: (402) 472-1434 Fax: (402) 472-3094 E-mail: <u>vdc2@unl.edu</u>

<u>Nebraska State Veterinarian:</u> Phone: (402) 471-2351/471-6806 Fax: (402) 471-3252

<u>Nebraska State Veterinarian (Rabies RA#)</u>: Phone: (402) 471-1374 *Dairy/Beef Extension:* Phone: (402)472-0466 or (402)472-2362

<u>Federal Veterinarian:</u> Phone: (402) 434-2300 Fax: (402) 434-2330

Kansas State University Rabies Lab: Phone: (785) 532-4483

#### PLEASE NOTE:

When sending specimens via UPS, FedEx, DHL, etc. and printing an address label from a Website, please use the following address: University of Nebraska Veterinary Diagnostic Center Fair Street & East Campus Loop 151 VDC Lincoln, NE 68583-0907

When sending specimens via regular mail, to expedite arrival of specimens, please use the following address:

University of Nebraska Veterinary Diagnostic Center P. O. Box 82646 Lincoln, NE 68501-2646