

# NDSU VETERINARY DIAGNOSTIC LABORATORY - TOXICOLOGY SUBMISSION FORM

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www.vdl.ndsu.edu

## Use for Toxicology Submissions Only

Date Shipped: _____	Date Received: _____
Collection Date: _____	Veterinarian: _____
Owner/Submitter: _____	Clinic/Company: _____
Address: _____	Address: _____
City: _____ State: _____ Zip: _____	City: _____ State: _____ Zip: _____
Phone: _____	Phone: _____
Email: _____	Email: _____
Report to:   Clinic/Company   Owner	<b>Owners cannot be billed.</b>
Add'l Copy to: _____	Billing address of business if different than above: _____ _____
Species: _____ Breed: _____ Age: _____ Sex: _____ Weight: _____	
Comments: _____	

CASE NO.	
<input type="checkbox"/> FROZEN <input type="checkbox"/> COLD <input type="checkbox"/> ROOM TEMP <input type="checkbox"/> LABELED <input type="checkbox"/> UNLABELED <input type="checkbox"/> MAIL <input type="checkbox"/> UPS <input type="checkbox"/> FED EX <input type="checkbox"/> SPEE-DEE <input type="checkbox"/> COURIER <input type="checkbox"/> AFTER HOURS DEPOSIT <input type="checkbox"/> HAND DELIVERED	
This area for laboratory use only	

Check Test (or Tests) Requested	Feed Tests						
Sample ID <small>Attach additional forms if more than 5 samples are submitted</small>	Mycotoxins	Storage Mycos	Ergot Alkaloids	Phytoestrogens	Nitrate Forage	Cyanide	Dicumarol
1							
2							
3							
4							
5							

Water		
Water Screen	Expanded Water	Blue/Green Algae

Animal Specimen Tests												
Indicate sample type:												
Mineral/Serum	Mineral/Metal	Selenium	Blood Lead	Lead Liver/Kidney	Pesticide	Strychnine	1080	Dicumarol	Nitrate Serum/VH	Bone Marrow	Blister Beetle	

<b>Mycotoxins by LC/MS/MS</b> - Aflatoxins (B1, B2, G1, G2), Fumonisin (B1, B2, B3), HT-2, T-2, OTA, Zearalenone, Sterigmatocystin, Deoxynivalenol, 3ADON, 15ADON, DAS	<b>Cyanide Potential (Forage) -Sorghum, Sundangrass and hybrids</b> <b>DO NOT FREEZE SAMPLE</b>	<b>Trace Mineral/Heavy Metal Screen (Liver/Kidney)</b> - Antimony, Aluminum, Arsenic, Cadmium, Chromium, Cobalt, Copper, Iron, Lead, Manganese, Molybdenum, Nickel, Selenium, Thallium, Vanadium, Zinc
<b>Storage Mycotoxins Screen by LC/MS/MS</b> FEED SAMPLES ONLY Alternariol, Alternariol Monomethyl Ether, Tenuazonic Acid, Cyclopiazonic Acid, Mycophenolic Acid, Penicillic Acid, Rugulosin, Roquefortine C, Penitrem A, Citrinin, Satratoxin G & H, Gliotoxin, Roridin E, Verruculogen, Beauvericin, Enniatins (A, A1, B, B1)	<b>Dicumarol (Forage)</b> - Lab only accepts Hay (Sweet Vernal grass or Sweet Clover) <b>Water Screen</b> - Nitrates, Total Dissolved Solids (TDS), Sulfates, pH <b>Expanded Water Screen</b> - Total Organic Carbon, Ammonia Nitrogen, Potassium Nitrate	<b>Selenium (Blood)</b> - Do Not Freeze <b>Blood Lead</b> – Whole Blood (EDTA) or Heparin <b>Lead (Liver/Kidney)</b> <b>Pesticide Screen GC/MS (Stomach Content)</b> <b>Strychnine (Stomach Content, Liver, Vomitus)</b>
<b>Ergot Alkaloids by LC/MS/MS</b> - Ergosine, Ergotamine, Ergocornine, Ergocryptine, Ergocristine, Ergosinine, Ergotaminine, Ergocorninine, Ergocryptinine, Ergocristinine DOES NOT TEST FOR ERGOVALINE	<b>Blister Beetle Toxin - Cantharidin</b> (Plasma/Urine) <b>Blue Green Algae ID</b> Microscopic Identification of Cyanobacteria	<b>Sodium Monofluoroacetate (Compound 1080)</b> -Stomach Contents, Kidney, Liver, Bait <b>Dicumarol (Liver)</b> <b>Nitrate (Serum, Vitreous Humor)</b> -Sample collected within 24 hours
<b>Phytoestrogens (Forages/Feed)</b> - Coumestrol, Daidzein, Genistein, Formononetin, Biochanin A <b>Nitrate - (Forages only)</b>	<b>Trace Mineral Screen (Serum)</b> - Cobalt, Copper, Iron, Manganese, Molybdenum, Selenium, Zinc	<b>Bone Marrow Fat Percentage in Large Animals</b> - Submit Femur or Humerus

**Post Office Mail Address: Veterinary Diagnostic Lab, NDSU Dept 7691, PO Box 6050, Fargo, ND 58108-6050**

**UPS/Fed Ex Address: Veterinary Diagnostic Lab, 4035 19<sup>th</sup> Ave N, Fargo, ND 58102**

The NDSU VDL reserves the right to subcontract any work required to complete testing. Any subcontracted work will be indicated as such on the laboratory report. The submitter is responsible for adherence to sample shipping regulations. No human and ONLY fixed non-human primate samples will be accepted. This submission form is a contract between NDSU VDL and the submitter. All fees incurred are the responsibility of the submitter. Specimens including carcasses, tissues and agent isolate from specimens become the property of NDSU VDL. Complete terms and conditions are on our website: www.vdl.ndsu.edu