



Rules of
Department of Agriculture
Division 30—Animal Health
Chapter 1—Organization and Description

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Title 2—DEPARTMENT OF AGRICULTURE

**Division 30—Animal Health
Chapter 1—Organization and Description**

2 CSR 30-1.010 General Organization

PURPOSE: This rule complies with section 536.023, RSMo which requires each agency to adopt as a rule a description of its operation and the methods where the public may obtain information or make submissions or requests.

(1) The Division of Animal Health is a unit of the Department of Agriculture, state of Missouri. The animal health program's primary responsibility is to control and eradicate livestock diseases to insure optimum health of Missouri's livestock population. This responsibility is carried out through various subprograms such as disease control and eradication, animal health laboratories, livestock market licensing and surveillance registration of livestock dealers, rendering plant licensing and dead animal surveillance and registration of livestock brands.

(2) The state veterinarian's office is in the Department of Agriculture on the 3rd floor of the Missouri Boulevard Staff Office Building located at 1616 Missouri Boulevard, Jefferson City, MO 65102.

(3) Two (2) laboratories are maintained by the state veterinarian's office and are located at the following addresses: Cooperative State & Federal Veterinary Diagnostic Laboratory, 216 El Mercado Plaza, Post Office Box 630, Jefferson City, MO 65109; and Veterinary Diagnostic Laboratory, 701 North Miller Avenue, Post Office Box 2510, Springfield, MO 65802-2510.

AUTHORITY: section 536.023, RSMo 2000. Original rule filed April 9, 1976, effective July 15, 1976. Amended: Filed Dec. 13, 1989, effective April 27, 1990. Amended: Filed Jan. 4, 1999, effective July 30, 1999. Amended: Filed March 5, 2004, effective Oct. 30, 2004.*

**Original authority: 536.023, RSMo 1975, amended 1976, 1997.*

2 CSR 30-1.020 Laboratory Services and Fees

PURPOSE: This rule establishes fees charged for laboratory services performed by Animal Health Laboratories.

(1) The Animal Health Diagnostic Laboratories are operated by and under the direction of the state veterinarian. The mailing addresses of the Animal Health Laboratories are as follows:

(A) Cooperative State & Federal Veterinary Diagnostic Laboratory, 216 El Mercado Plaza, PO Box 630, Jefferson City, MO 65109; and

(B) Veterinary Diagnostic Laboratory, 701 North Miller Avenue, PO Box 2510, Springfield, MO 65802-2510.

(2) No fees will be charged for tests for diseases which are included in a state and federal cooperative program. Fees for nonprogram services performed at the Animal Health Laboratories are as follows:

- (A) Pathology—
 - 1. Necropsy—
 - A. Gross Necropsy Exam Fee \$20.00
 - B. Necropsy Bacterial Culture \$35.00
 - C. Necropsy Exam Fee including Histopathology, Virology, Serology, Bacteriology (excluding Toxicology) \$65.00
 - D. Fresh Tissue Exam Fee including Histopathology, Virology, Serology, Bacteriology (excluding Toxicology) \$65.00
 - 2. Histopathology—
 - A. Biopsy or Mailed-in Tissue Fee (per case) \$15.00
 - B. Immunoperoxidase Stains Fee (per slide) \$10.00
 - C. Special Procedures Fee Inquire
- (B) Bacteriology—
 - 1. Microscopic Examination of Specimen Fee (acid fast stain, dark field, phase, and the like) \$ 5.00
 - 2. Abortion Screen Fee \$20.00
 - 3. Bacterial Culture (except blood) Isolation and Identification Fee (per sample) \$12.00
 - 4. Anaerobic Bacterial Culture Fee (per sample) \$12.00
 - 5. Blood Culture Fee (per sample) \$20.00
 - 6. Joint Aspirate Cultures Fee (per sample) \$20.00
 - 7. Antimicrobial Susceptibility Test Fee \$12.00
 - 8. Johne's Culture Fee \$15.00
 - 9. Canine, Bovine or Porcine Enteric Screen Fee (per

- sample) \$20.00
- 10. Mammalian Mycoplasma Isolation Fee \$15.00
- 11. Fungal Culture Fee \$12.00
- 12. FA Screen for Clostridium spp Fee \$20.00
- 13. Custom Testing Procedures Fee Inquire
- 14. Aerobic Culture plus Salmonella Screen Fee \$15.00
- 15. Characterization of Enterotoxigenic *E. coli* (call lab for additional information)
- 16. *Fimbriae (pili)* Typing and Toxin Testing Fee—seven (7) days for DNA probe assay \$20.00
- 17. *In vitro* Cell Adherence and Invasive Assay Fee—seven to ten (7–10) days \$20.00
- 18. Milk Culture and Sensitivity \$ 7.50
- 19. *Brucella canis* Culture \$12.00
- 20. Johne's PCR, DNA Probe \$15.00
- (C) Virology—
 - 1. Virus Isolation in Cell Culture Fee (intravenous test for bluetongue excluded) \$10.00
 - 2. Fluorescent Antibody Examination Fee \$ 5.00
 - 3. Electron Microscopy Fee—negative stain \$10.00
 - 4. Chlamydia Isolation or ELISA Fee \$10.00
 - 5. Canine Parvovirus (ELISA) Fee \$10.00
- (D) Serology—
 - 1. Anaplasmosis (CF) Fee (1–25 samples) \$ 3.00 (26–99 samples) \$ 2.00 (100 or more samples) \$ 1.50
 - 2. Anaplasmosis Card Test Fee (per sample) \$ 2.00
 - 3. Blastomycosis (AGID) Fee (per sample) \$ 5.00
 - 4. Bluetongue (ELISA) Fee (per sample) \$ 3.00
 - 5. Bluetongue (AGID) Fee (per sample) \$ 3.00
 - 6. Bovine Leukosis (AGID) Fee (per sample) \$ 3.00
 - 7. Bovine Leukosis (ELISA) Fee (per sample) \$ 3.00
 - 8. BRSV SN Fee (per sample) \$ 3.00
 - 9. *Brucella canis* (Card) Fee (1–25 samples) \$ 8.00 (26 or more samples) \$ 6.00
 - 10. BVD (SN) Fee (per sample) \$ 3.00
 - 11. CAE (AGID) Fee (per sample) \$ 3.00



12. Canine Distemper IFA Fee (per sample) \$15.00	38. Porcine parvovirus (HAI) Fee (per sample) \$ 3.00	17. Ergovaline Fee (fescue) \$25.00
13. Canine Heartworm (ELISA) Fee (per sample) \$ 5.00	39. Porcine Resp. Reprod. Syn. (PRRS) IFA Fee (per sample) \$ 3.00	18. Ethylene Glycol Fee (urine, serum) \$15.00
14. Coccidioidomycosis (LA and AGID) Fee (per sample) \$ 5.00	40. Swine Influenza (HAI) Fee (per sample) \$ 3.00	19. Fumonisin Fee (feed) \$10.00
15. Cryptococcosis LA Fee (per sample) \$ 5.00	41. TGE (SN) Fee (per sample) \$ 3.00	20. Herbicides Fee (gut contents) \$25.00
16. EIA (AGID) Fee (per sample) \$ 2.00	42. Toxoplasmosis (Latex) Fee (per sample) \$ 5.00	21. Ionophore Screen Fee (feed) \$20.00
17. EIA (ELISA) Fee (per sample) \$ 3.00	43. Vesicular Stomatitis-Indiana (SN) Fee (per sample) \$ 3.00	22. Iron Fee (serum/liver) \$15.00
18. Ehrlichia canis (IFA) Fee (per sample) \$15.00	44. Vesicular Stomatitis-New Jersey (SN) Fee (per sample) \$ 3.00	23. Lasalocid Fee (feed) \$15.00
19. Ehrlichia equi (IFA) Fee (per sample) \$15.00	45. Other Procedures Fee Inquire	24. Lead Fee (heparinized blood) \$10.00
20. Ehrlichia risticii (IFA) Fee (per sample) \$15.00	46. PRRS (ELISA) \$ 3.00	25. Lead Fee (tissue) \$15.00
21. EHVD (AGID) Fee (per sample) \$ 3.00	47. Anaplasmosis (26-99 samples) \$ 2.00	26. Magnesium Fee (serum, urine, aqueous humor) \$ 6.00
22. Encephalomyocarditis (SN) Fee (per sample) \$ 3.00	48. Anaplasmosis (100 or more samples) \$ 1.50	27. Molybdenum Fee (liver) \$15.00
23. Equine Rhinopneumonitis (SN) Fee (per sample) \$ 3.00	49. PRV (ELISA/Latex/SN) (1-3 samples) \$ 2.00	28. Monensin Fee (feed, gut contents) \$15.00
24. Equine Viral Arteritis (SN) Fee (per sample) \$ 3.00	50. PRV (ELISA/Latex/SN) (4 or more samples) \$ 1.25	29. Mycotoxin Screen Fee— aflatoxin, T-2 toxin, DAS, ochratoxin A, zearalenone, vomitoxin, citrinin, sterigmatocystin (feed) \$20.00
25. Feline Infectious Peritonitis (ELISA) Fee (per sample) \$ 5.00	51. IBR (ELISA) \$ 3.00	30. Narasin Fee (feed) \$15.00
26. Feline Immunodeficiency Virus (ELISA) Fee (per sample) \$ 5.00	52. Canine Brucellosis Tube Agg. (TAT) (1-10 samples) \$ 5.00	31. Nicotine Fee (gut contents, urine) \$15.00
27. Feline Leukemia (ELISA) Fee (per sample) \$ 5.00	53. Canine Brucellosis Tube Agg. (TAT) (11 or more samples) \$ 3.00	32. Nitrates and Nitrites Fee (body fluid) \$15.00
28. Haemophilus somnus MAT Fee (per sample) \$ 3.00	(E) Toxicology—	33. Nitrates and Nitrites Fee (feed) \$10.00
29. Histoplasmosis (LA and AGID) Fee (per sample) \$ 5.00	1. Aflatoxin Fee (feed) \$10.00	34. Nitrates and Nitrites Fee (spot test) \$ 5.00
30. IBR (SN) Fee (per sample) \$ 3.00	2. Alkaloid Screen Fee (strychnine, nicotine and caffeine) \$15.00	35. Nitrates and Nitrites Fee (water) \$10.00
31. Johne's (CF) Fee \$ 3.00	3. Ammonia Fee (rumen contents, serum) \$10.00	36. Ochratoxin A Fee (feed) \$10.00
32. Johne's (ELISA) Fee (per sample) \$ 3.00	4. Anticoagulant Screen Fee (warfarin, brodifacoum etc. in bait) \$15.00	37. Oosporein Fee (feed) \$10.00
33. Leptospirosis Dark Field Fee (per sample) \$ 5.00	5. Arsenic-Arsine Fee (tissues, gut contents, bait) \$15.00	38. Organophosphate Pesticides Fee (gut contents, feed) \$20.00
34. Leptospirosis—6 Serovars (MA) Fee (per sample) \$ 4.00	6. Arsenic-Reinsch Fee (tissue, gut contents, bait) \$ 5.00	39. Pesticide Screen Fee (gut contents, feed, tissue) \$40.00
35. Lyme Disease (ELISA) Fee (per sample) \$ 5.00	7. Calcium Fee (serum) \$ 6.00	40. pH Fee (rumen contents) \$ 5.00
36. Ovine Progressive Pneumonia (OPP) (AGID) Fee (per sample) \$ 3.00	8. Carbamates Fee (gut contents) \$20.00	41. Poisonous Plant Identification Fee \$ 5.00
37. PI 3 (HAI) Fee (per sample) \$ 3.00	9. Chlorinated Hydrocarbon Pesticides Fee (brain, gut contents) \$20.00	42. Potassium Fee (serum) \$ 6.00
	10. Cholinesterase Activity Fee (heparinized blood, brain) \$12.00	43. Salinomycin Fee (feed) \$15.00
	11. Citrinin Fee (feed) \$10.00	44. Salt Fee (feed) \$10.00
	12. Copper Fee (blood, tissues) \$15.00	45. Selenium Fee (blood, liver) \$15.00
	13. Cyanide Fee (rumen contents, blood, plant material) \$10.00	46. Sterigmatocystin Fee (feed) \$10.00
	14. DAS Fee (feed) \$10.00	47. Sulfa-Drugs Fee (urine) \$15.00
	15. Drug Screen Fee (urine, serum) \$25.00	48. Sulfates Fee (water) \$10.00
	16. Ergot Alkaloids Fee (feed) \$15.00	49. T-2 Toxin Fee (feed) \$10.00
		50. Urea Fee (feed, rumen contents) \$15.00
		51. Vitamin A Fee (serum) \$15.00
		52. Vitamin E Fee (serum) \$15.00
		53. Vomitoxin Fee (feed) \$10.00
		54. Warfarin Fee (liver) \$15.00
		55. Zearalenone Fee (feed) \$10.00
		56. Zinc Fee (serum, liver) \$15.00
		57. Prussic Acid (Qualitative) \$ 5.00



58. Nitrates (Qualitative)	\$ 5.00	G. Small Animal Liver Profile Fee	\$11.50	M. Platelet Count Fee	\$ 4.00
(F) Avian—		H. Small Animal Maxi Panel Fee	\$23.50	N. pTP Fee	\$ 2.00
1. Avian Gross Necropsy Only Fee	\$20.00	I. Small Animal Mini Panel Fee	\$15.00	O. Reticulocyte Count Fee	\$ 4.00
2. Necropsy Bacterial Culture	\$35.00	J. Surgery Panel Serum Biochemistry Fee	\$ 5.50	4. Urinalysis—	
3. Avian Necropsy Fee including Histopathology, Serology, Virology, Bacteriology (excluding Toxicology)	\$65.00	2. Chemistries (serum)—		A. Calculus Analysis Fee	\$ 8.00
4. AGID Avian Influenza Fee	\$.35	A. Albumin Fee	\$ 3.00	B. Specific Gravity Fee	\$ 2.00
5. AGID Hemorrhagic Enteritis Fee	\$.35	B. ALP/SAP Fee	\$ 4.00	C. Urinalysis—Complete Fee	\$ 5.00
6. Virus Isolation in Cell Culture Fee	\$10.00	C. ALT/GPT Fee	\$ 4.00	D. Urinalysis—Sediment Only Fee	\$ 4.00
7. Virus Isolation in Fertile Eggs Fee	\$10.00	D. Amylase Test Fee	\$ 4.00	E. BUN Fee	\$ 4.00
8. Avian Mycoplasma Culture Fee	\$15.00	E. AST/GOT Fee	\$ 4.00	F. Creatinine Fee	\$ 4.00
9. Avian Fungal Culture Fee (litter)	\$10.00	F. Bile Acid- -Single Sample Fee	\$10.00	G. Osmolality Fee	\$ 4.00
10. Hatchery Fluff Bacterial Counts Fee	\$10.00	G. Bile Acid—Pre- and Post-Sample Fee	\$18.00	H. Phosphorus, Inorganic Fee	\$ 4.00
11. MG HI Serology Fee	\$.35	H. Bilirubin, Direct Fee	\$ 3.00	I. Potassium Fee	\$ 4.00
12. MS HI Serology Fee	\$.35	I. Bilirubin, Total Fee	\$ 3.00	J. Protein Electrophoresis Fee	\$15.00
13. MM HI Serology Fee	\$.35	J. BUN Fee	\$ 3.00	K. Protein Quantitative Fee	\$ 5.00
14. MG Rapid Plate Test or ELISA Fee	\$.35	K. Calcium Fee	\$ 3.00	L. Sodium Fee	\$ 4.00
15. MS Rapid Plate Test or ELISA Fee	\$.35	L. Cholesterol Fee	\$ 3.00	5. Fecal—	
16. MM Rapid Plate Test or ELISA Fee	\$.35	M. CK/CPK Fee	\$ 4.00	A. Occult Blood Fee	\$ 2.00
17. Newcastle Disease Virus HI Serology Fee	\$.35	N. Chloride Fee	\$ 2.00	B. Cryptosporidia Exam Fee	\$ 5.00
18. IBV HI Serology Fee	\$.35	O. TCO ₂ Fee	\$ 2.00	C. Direct Fecal Smear Fee	\$ 3.00
19. Fowl Cholera Microagglutination Test Fee	\$ 2.00	P. Creatinine Fee	\$ 3.00	D. Fecal Flotation Fee	\$ 5.00
20. <i>Salmonella Pullorum</i> Rapid Plate Test Fee	\$.10	Q. GGT/GGTP Fee	\$ 4.00	6. Cytology and Fluid Analysis—	
21. <i>Salmonella Pullorum</i> Tube Agglutination Test Fee	\$.10	R. Glucose Fee	\$ 3.00	A. CSF Fee	\$12.00
22. <i>Salmonella Typhimurium</i> Tube Agglutination Test Fee	\$.10	S. Lipase Fee	\$ 4.00	B. Cytological Examination Fee	\$ 8.00
23. NPIP Salmonella Screen	Inquire	T. Osmolality Fee	\$ 3.00	C. Gram's Stain Fee	\$ 5.00
24. API	Inquire	U. Phosphorus, Inorganic Fee	\$ 3.00	D. Peritoneal/Pleural Fluid Analysis Fee	\$10.00
25. Newcastle (ELISA)	\$ 1.00	V. Potassium Fee	\$ 2.00	E. Synovial Fluid Analysis Fee	\$12.00
26. Bordetella (ELISA)	\$ 1.00	W. Protein, Serum Electrophoresis Fee	\$10.00	(H) Other—	
27. Mycoplasma PCR, DNA Probe	\$25.00	X. Protein, Total Fee	\$ 3.00	1. Transfer Media & Other Supplies/ Reagent	Inquire
28. Hemorrhagic Enteritis ELISA	\$ 1.00	Y. Sodium Fee	\$ 2.00	2. Custom Testing Procedures	Inquire
(G) Clinical Pathology—		Z. SDH Fee	\$ 5.00	3. Postage Due	Inquire
1. Chemistry Profiles (serum)—		AA. Triglyceride Fee	\$ 7.00	4. Equine Progesterone Target Test	\$12.00
A. Avian Profile Fee	\$22.50	BB. Uric Acid Fee	\$ 3.00	5. Pullorum Testing Equipment and Antigen	Inquire
B. Equine Maxi Profile Fee	\$27.50	3. Hematology—		6. Milk Quality Control (per sample)	\$ 4.00
C. Equine Mini Profile Fee	\$17.50	A. CBC or WBC	\$ 7.50	7. Generic <i>E-Coli</i> Surveillance	\$18.00
D. Food Animal Maxi Profile Fee	\$27.00	B. CBC, Large Animal Fee	\$11.50	8. Copies of Test Charts	\$.25
E. Food Animal Mini Profile Fee	\$17.50	C. Coulter Profile Fee	\$ 5.00	9. Fax Copies (each page)	\$.25
F. Large Animal Liver Profile Fee	\$14.00	D. Pack Cell Volume Fee	\$ 2.00	10. Fax Copies (each additional page)	\$.25
		E. Pack Cell Volume and pTP Fee	\$ 3.00	(3) Samples will be referred to appropriate laboratories for tests not done at the Animal Health Diagnostic Laboratories. The charge for this service will include charges from the referral laboratory plus a five dollar (\$5) handling fee.	
		F. Blood Smear Exam Fee (slide)	\$ 5.00	(4) Fees are not refundable.	
		G. Buffy Coat Fee	\$ 5.00	(5) The veterinarian, company or business requesting the service shall be responsible for payment of charges for laboratory services.	
		H. Coombs Fee (direct)	\$10.00		
		I. Bone Marrow Evaluation Fee	\$12.00		
		J. Knotts Test Fee (Microfilaria)	\$ 4.00		
		K. Activated Partial Thromboplastin Time Fee	\$ 5.00		
		L. Prothrombin Time Fee (PT)	\$ 5.00		



Further laboratory services will not be performed if an account is more than ninety (90) days overdue.

(6) Uncollectible checks or other uncollectible financial instruments will be charged an additional twenty-five dollars (\$25).

(7) All samples must be submitted on official forms and must be complete and legible. Test charts and samples improperly submitted may be returned to the veterinarian for rectification.

AUTHORITY: section 267.122, RSMo 2000.
Original rule filed July 15, 1993, effective Jan. 31, 1994. Amended: Filed Jan. 4, 1999, effective July 30, 1999. Amended: Filed March 5, 2004, effective Oct. 30, 2004.*

**Original authority: 267.122, RSMo 1992, amended 1993, 1995, 1996.*