

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

NATIONAL VETERINARY SERVICES LABORATORIES
DIAGNOSTIC BACTERIOLOGY LABORATORY
PATHOLOGY LABORATORY
DIAGNOSTIC VIROLOGY LABORATORY
1800 Dayton Avenue
Ames, Iowa 50010
Dr. Elizabeth Lautner Phone: 515 663 7301

BIOLOGICAL

Valid to: February 28, 2009

Certificate Number: 2526.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform testing on animal sera, tissues and fluids, as well as environmental samples:

Tests

Test Methods

Diagnostic Bacteriology Laboratory

Brucella spp.

Bacterial Isolation (sample processing;
solid culture media)

MBSOP1002

Bacterial Identification
(biochemical tests;
solid culture;
rough/smooth determination;
Gram Stain, PCR)

MBSOP1003, MBSOP1012
MBSOP1014, MBSOP1021
MBSOP1023

Johne's (*Mycobacterium avium*, subspecies *paratuberculosis*)

Bacterial Isolation (sample processing; solid and
liquid culture media)

MBSOP4003, MBSOP4008
MBSOP4019, MBSOP4020
MBSOP4021, MBSOP4022

Bacterial Identification

Acid-Fast Stain
PCR

MBSOP4010, MBSOP4014

ELISA

Herdchek™ ELISA

PARACHEK™ ELISA

SEROSOP1057

SEROSOP1058

<u>Tests</u>	<u>Test Methods</u>
<i>Mycobacterium bovis</i>	
Bacterial Isolation	
Solid Culture Media, BACTEC 460, MGIT	MBSOP2002
Elephant Trunk Washes	MBSOP2004
Identification	
Biochemical Niacin/Nitrate Utilization	MBSOP2212
GEN-PROBE DNA/RNA Hybridization	MBSOP2218
Ziehl-Neelsen Acid-Fast Staining	MBSOP2210
Piroplasmosis	
Competitive ELISA – Commercial Kit	SEROSOP1056
Competitive ELISA – In-House	SEROPRO1004
<i>Salmonella</i>	
Stereotyping	BTYPSOP1102, BTYPSOP1103 BTYPSOP1112
<i>Leptospira</i>	
Microagglutination Test	BTYPPRO4001
<i>Brucella abortus</i>	
Fluorescence Polarization Assay – test tube	SEROSOP1051
Fluorescence Polarization Assay – microplate	SEROSOP1050
Diagnostic Virology Laboratory	
Avian Influenza	
Real-Time RT-PCR	AVPRO1510
Additional Platforms	AVSOP1520 AVSOP1521 AVSOP1523
Agar Gel Immunodiffusion	AVPRO0100
Bluetongue	
C-ELISA Pirbright	EOSOPP0706
RT-PCR	EOSOP1502
Virus Isolation	EOSOP2001
Bovine Viral Diarrhea	
PCR	BPSOP1514
Epizootic Hemorrhagic Disease	
RT-PCR	BPSOP1502
Virus Isolation	EOSOP2002
Equine Viral Arteritis	
Virus Neutralization	EOPRO2108

TestsTest Methods

Pseudorabis Virus

gI ELISA

gB ELISA

Latex Agglutination Test

Virus Neutralization

Commercial Kit

Commercial Kit

Commercial Kit

BPSOP2112

Malignant Catarrhal Fever

BPSOP1501

West Nile Virus

IgM ELISA

Plaque Reduction Neutralization Test

EOSOP0709

EOSOP1401

Equine Infectious Anemia

Agar Gel Immunodiffusion

EOSOP0101

Newcastle Disease

Real-Time RT-PCR

AVPRO1505

Vesicular Stomatitis

Competitive ELISA

Complement Fixation

BPSOP0703

BPSOP0300

Pathobiology Laboratory

Antibody Profile

Individual Animal Identification

Species Verification

PCPSOPSS12

PCPSOPSS07

Bovine Spongiform Encccphalopathy

Hematoxylin and Eosin Stain

Immunohistochemistry

Prion Detection – Antigen Capture ELISA

SPSOP0002

SPSOP0008

SPSOP0003

Scrapie

Genotyping

CASSOP0013

CASSOP0015

CASSOP0021

CASSOP0012

CASSOP0023

Tuberculosis

Histopathology

GPPISOP0002

Parasite Identification

Hemoparasites

Ectoparasites

Fecal Ova

PCPSOPT005

PCPSOP0005

PCPSOP0009

Tests

Test Methods

Histology

Giemsa Stain	GPPISOP0013
Modified Ziehl-Neelson Stain	GPPISOP0014
Auromine O and Acridine Orange Stain	GPPISOP0015
Hematoxylin and Eosin Stain	GPPISOP0016
Gram Stain	GPPISOP0022
Periodic Acid-Schiff Stain	GPPISOP0023
Grocott's Methanamine Silver Stain	Commercial Kit

Mycobacterium bovis, avium and avium subsp. Paratuberculosis

PCR	GPPISOP0044
-----	-------------

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

PLUM ISLAND ANIMAL DISEASE CENTER
NATIONAL VETERINARY SERVICES LABORATORIES
FOREIGN ANIMAL DISEASE DIAGNOSTIC LABORATORY
USDA APHIS VS NVSL
40550 Route 25
Orient Point, NY 11957
Dr. Elizabeth Lautner 515 663 7301

BIOLOGICAL

Valid to: March 31, 2009

Certificate Number: 2526.04

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform testing on animal sera, tissues and fluids, as well as environmental samples:

Foreign Animal Disease Diagnostic Laboratory

<u>Tests</u>	<u>Test Methods</u>
Foot-and-Mouth Disease Virus	
Antigen Capture ELISA	DSSOP0050
Virus Isolation	DSPRO0700
Virus Neutralization	DSPRO0100
Swine Vesicular Disease Virus	
Antigen Capture ELISA	DSSOP0050
Virus Isolation	DSPRO0700
Virus Neutralization	DSPRO0160
Vesicular Stomatitis	
Antigen Capture ELISA	DSSOP0050
Virus Isolation	DSPRO0700
Virus Neutralization	DSSOP0120
Foot and Mouth Disease	
3ABC ELISA (Cedi Test)	DSSOP0101
RT-PCR	DSSOP0502, PVSSOP4002,
Additional Platforms:	PVSSOP4004
	PVSSOP4005
Classical Swine Fever	
ELISA (Idexx)	DSSOP0212
RT-PCR	DSSOP0502, PVSSOP4002
Additional Platforms:	PVSSOP4006
	PVSSOP4007

Tests

Vesicular Stomatitis Virus
Competitive ELISA
Complement Fixation

Test Methods

DSSOP0121
DSSOP0122