

Journal of Veterinary Diagnostic Investigation

Volume 17, Number 1 January 2005

Table of Contents

| | |
|---|----|
| E.P. Pope Memorial Award to Dr. Bruce Akey | 1 |
| Letter from the Editor | 2 |
| FULL SCIENTIFIC REPORTS | |
| Experimental transmission of sheep scrapie by intracerebral and oral routes to genetically susceptible Suffolk sheep in the United States. <i>Amir N. Hamir, Robert A. Kunkle, Juergen A. Richt, Janice M. Miller, Randall C. Cutlip, Allen L. Jenny</i> | 3 |
| Genetic and clinical analyses of bovine viral diarrhoea virus isolates from dairy operations in the United States of America. <i>Motoshi Tajima, Edward J. Dubovi</i> | 10 |
| Evaluation of five different antigens in enzyme-linked immunosorbent assay for the detection of avian pneumovirus antibodies. <i>Sunil Maherchandani, Devi P. Patnayak, Claudia Muñoz-Zanzi, Dale Lauer, Sager M. Goyal</i> | 16 |
| Myositis, lameness, and recumbency after use of water-in-oil adjuvanted vaccines in near-term beef cattle. <i>D. O'Toole, L. Steadman, M. Raisbeck, R. Torpy</i> | 23 |
| Recombinant K39 dipstick immunochromatographic test: a new tool for the serodiagnosis of canine leishmaniasis. <i>Domenico Otranto, Paola Paradies, Mariateresa Sasanelli, Nicola Leone, Donato de Caprariis, Jan Chirico, Rosa Spinelli, Gioia Capelli, Olga Brandonisio</i> | 32 |
| Microbiologic and pathologic findings in an epidemic of equine pericarditis. <i>David C. Bolin, J. Mike Donahue, Mary L. Vickers, Lenn Harrison, Steve Sells, Ralph C. Giles, C.B. Hong, K.B. Poonacha, John Roberts, Manu M. Sebastian, Tom W. Swerczek, Robert Tramontin, Neil M. Williams</i> | 38 |
| Development and evaluation of an experimental model of cutaneous columnaris disease in koi (<i>Cyprinus carpio</i>). <i>Niraj K. Tripathi, Kenneth S. Latimer, Christopher R. Gregory, Branson W. Ritchie, Richard E. Wooley, Randal L. Walker</i> | 45 |
| BRIEF COMMUNICATIONS | |
| An outbreak of sheep-associated malignant catarrhal fever in bison (<i>Bison bison</i>) following exposure to sheep at a public auction sale. <i>John A. Berezowski, Greg D. Appleyard, Timothy B. Crawford, Jerry Haigh, Hong Li, Dorothy M. Middleton, Brendan P. O'Connor, Keith West, Murray Woodbury</i> | 55 |
| Diagnosis of infectious canine hepatitis virus (CAV-1) infection in puppies with encephalopathy. <i>D. caudell, A.W. Confer, R.W. Fulton, A. Berry, J.T. Saliki, G.M. Fent, J.W. Ritchey</i> | 58 |
| Comparison of two swine <i>Mycoplasma hyopneumoniae</i> enzyme-linked immunosorbent assays for detection of antibodies from vaccinated pigs and field serum samples. <i>Mehrdad Ameri-Mahabadi, En-Min Zhou, Walter H. Hsu</i> | 61 |
| Detection of the <i>saa</i> gene in verotoxin-producing <i>Escherichia coli</i> from ruminants. <i>José A. Orden, Carmen Cortés, José A. Ruiz-Santa-Quiteria, Susana Martínez, Ricardo de la Fuente</i> | 65 |
| Molecular detection of <i>Leptospira kirschneri</i> in tissues of a prematurely born foal. <i>Ramesh Vemulapalli, Ingeborg M. Langohr, Alfredo Sanchez, Matti Kiupel, Carol A. Bolin, Ching-Ching Wu, Tsang-Long Lin</i> | 67 |
| Nutritional degenerative myopathy in a population of captive bred <i>Uroplatus phantasticus</i> (satanic leaf-tailed geckoes). <i>Les J. Gabor</i> | 71 |
| Whole blood and plasma cholinesterase levels in normal koi (<i>Cyprinus carpio</i>). <i>Lisa A. Murphy, Gregory A. Lewbart, Garvin L. Meerdink, Gerald L. Bargren</i> | 74 |
| Use of a novel virus inactivation method for a multi-center avian influenza real-time reverse transcriptase-polymerase chain reaction proficiency study. <i>Erica Spackman, David L. Suarez</i> ... | 76 |
| Culture methods differ on the isolation of <i>Salmonella enterica</i> serotypes from naturally contaminated swine fecal samples. <i>Marcos H. Rostagno, Jared K. Gailey, H. Scott Hurd, James D. Mckean, Romulo C. Leite</i> | 80 |

| | |
|---|----|
| <i>Actinobacillus capsulatus</i> septicemia in a domestic rabbit (<i>Oryctolagus cuniculus</i>). David K. Meyerholz, Joseph S. Haynes | 83 |
| Epithelioid leiomyosarcoma in the visceral peritoneum of an American badger (<i>Taxidea taxus</i>). Fun-In Wang, Chih-Hua Chang, Chen-Hsuan Liu, Chian-Ren Jeng | 86 |
| Vulvar lipoleiomyoma in a dog. Zaher A. Radi | 89 |
| Persistent metanephritic ducts in a geriatric white tiger. Alain de Bruin, Ray Wack, Steven E. Weisbrode | 91 |
| Instructions to Authors | 94 |
| Position announcements | 96 |


Save Lives


**15 minute PIVKA* test for
Rodenticide Poisoning in small animals**

- Clear results in just 15 minutes
- Affordable – as low as \$1 per test

**AN-01003762
PIVKA (Thrombotest)
12 X 2.2ml.....\$107.-**

NY Office: 1.800.645.6264
Fax: 1.516.997.4948
West Coast Office: 1.800.255.9378
www.accuratechemical.com





**ACCURATE CHEMICAL &
SCIENTIFIC CORPORATION**
IT'S MORE THAN A NAME - IT'S A PROMISE

* Protein Induced by Vitamin K Antagonists (or absence) © 2002 Accurate Chemical & Scientific Corp.