

# Journal of Veterinary Diagnostic Investigation

Volume 17, Number 5      September 2005

**The editorial office of the *Journal of Veterinary Diagnostic Investigation* is moving!**

Please make note of our new contact information.

**Editor:**

Jeremiah T. Saliki, DVM, PhD  
Athens Veterinary Diagnostic Laboratory  
College of Veterinary Medicine  
Athens, GA 30602  
706-542-5568  
editor@jvdi.org

**Editorial Assistant:**

Heather D. Heaton  
JVDI Editorial Office  
1216 NW 182nd Street  
Edmond, OK 73003  
405-762-1220  
editorial@jvdi.org  
Website: <http://jvdi.org>

## Table of Contents

### FULL SCIENTIFIC REPORTS

Canine cutaneous clear cell adnexal carcinoma: histopathology, immunohistochemistry, and biologic behavior of 26 cases. <i>F. Y. Schulman, T. P. Lipscomb, T. J. Atkin</i> .....	403
Development of an enzyme-linked immunosorbent assay for specific equine neutrophil myeloperoxidase measurement in blood. <i>T. Franck, S. Grulke, G. Deby-Dupont, C. Deby, H. Duvivier, F. Peters, D. Serteyn</i> .....	412
Genetic analysis of feline caliciviruses associated with a hemorrhagic-like disease. <i>Mohamed Abd-Eldaim, Leon Potgieter, Melissa Kennedy</i> .....	420
The adequacy of sample type/weight and incubation period on detection of <i>Salmonella</i> spp. in slaughter cattle. <i>A. J. M. Vimont, A. Kiermeier, D. J. Padula, G. L. Holds, A. M. Pointon</i> .....	430
In vitro antimicrobial inhibition profiles of <i>Mycoplasma bovis</i> isolates recovered from various regions of the United States from 2002 to 2003. <i>Ricardo F. Rosenbusch, Joann M. Kinyon, Michael Apley, Nathan D. Funk, Sean Smith, Lorraine J. Hoffman</i> .....	436
Use of avidity ELISA and avidity Western blot to discriminate between acute and chronic <i>Neospora caninum</i> infection in cattle. <i>A. Aguado-Martínez, G. Álvarez-García, I. Arnaiz-Seco, E. Innes, L. M. Ortega-Mora</i> .....	442
Evaluation of a new antibody-based enzyme-linked immunosorbent assay for the detection of bovine leukemia virus infection in dairy cattle. <i>Gustavo E. Monti, Klaas Frankena, Bas Engel, Willem Buist, Héctor D. Tarabla, Mart C. M. de Jong</i> .....	451

### BRIEF COMMUNICATIONS

Persistence of <i>Neospora caninum</i> -specific immunoglobulin G antibodies in bovine blood and lung tissue stored at room temperature. <i>Eva-Britt Jakubek, Arvid Ugglå</i> .....	458
Effects of delayed or prolonged fixation on immunohistochemical detection of bovine viral diarrhea virus type I in skin of two persistently infected calves. <i>Margaret A. Miller, José A. Ramos-Vara, Steven B. Kleiboeker, Robert L. Larson</i> .....	461
Comparison of two enzyme-linked immunosorbent assays for diagnosis of <i>Mycobacterium avium</i> subsp. <i>paratuberculosis</i> . <i>S. L. B. McKenna, D. C. Sockett, G. P. Keeffe, J McClure, J. A. VanLeeuwen, H. W. Barkema</i> .....	463
Comparison of immunohistochemistry and two rapid tests for detection of abnormal prion protein <sup>sc</sup> in different brain regions of sheep with typical scrapie. <i>Rosa Bolea, Eva Monleón, Irene Schiller, Alexander J. Raeber, Cristina Acín, Marta Monzón, Inmaculada Martín-Burriel, Thomas Struckmeyer, Bruno Oesch, Juan José Badiola</i> .....	467
A simple and rapid chromatographic strip test for detection of antibody to porcine reproductive and respiratory syndrome virus. <i>Y. S. Lyoo, S. B. Kleiboeker, K.-Y. Jang, N. K. Shin, J.-M. Kang, C.-H. Kim, S.-J. Lee1, J.-H. Sur</i> .....	469
Lymphoid follicular cloacal inflammation associated with a novel herpesvirus in juvenile alligators ( <i>Alligator mississippiensis</i> ). <i>Pamela D. Govett, Craig A. Harms, April J. Johnson, Kenneth S. Latimer, James F. X. Wellehan, Michael H. Fatzinger, L. Shane Christian, Terra R. Kelly, Gregory A. Lewbart</i> .....	474

Serotyping of US isolates of <i>Chlamydophila psittaci</i> from domestic and wild birds. <i>Arthur A. Andersen</i> .....	479
Investigation of falsely reported resistance of <i>Streptococcus equi</i> subsp. <i>zooepidemicus</i> isolates from horses to trimethoprim-sulfamethoxazole. <i>Darien J. Feary, Doreene Hyatt, Josie Traub-Dargatz, Susan Roach, Robert L. Jones, Ching Ching Wu, Paul S. Morley</i> .....	483
Distribution of <i>Crenosoma vulpis</i> and <i>Eucoleus aerophilus</i> in the lung of free-ranging red foxes ( <i>Vulpes vulpes</i> ). <i>Alicia Nevárez, Alfonso López, Gary Conboy, William Ireland, David Sims</i> .....	486
Segmental aplasia of uterine body in an adult mixed breed dog. <i>Ki-Seok Oh, Chang-Ho Son, Bang-Sil Kim, Shun-Shin Hwang, You-Jung Kim, Su-Jin Park, Jae-Ho Jeong, Cheol Jeong, Sung-Hee Park, Kyoung-Oh Cho</i> .....	490
Spontaneous aortic dissecting hematoma in two dogs. <i>Theresa Marie Boulineau, Lydia Andrews-Jones, William Van Alstine</i> .....	492
<i>Erysipelothrix rhusiopathiae</i> septicemia in a Laughing kookaburra ( <i>Dacelo novaeguineae</i> ). <i>T. Opriessnig, R. K. Vance, P. G. Halbur</i> .....	497
Isolation of equine herpesvirus-2 from the lung of an aborted fetus. <i>Cecilia Mónica Galosi, Viviana Cid de la Paz, Fernández Leandro Carlos, Martínez Javier Pablo, María Isabel Craig, María Barrandeguy, María Elisa Etcheverrigaray</i> .....	500
Erratum .....	502
Submitting manuscripts .....	502
Position announcements .....	503

# 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](http://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.