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W. Christopher Scruton

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Layout

David Brown

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**Evaluation of 2ME-RDE test for detection of antibodies simultaneously against
Actinobacillus pleuropneumoniae serotypes 1 to 12 in pig sera.**

K. R. Mittal¹, M. Achacha², S. Bourdon¹, and B. Fenwick³

¹Université de Montréal, Fac. Med. Vet, P.O.Box 5000, St-Hyacinthe, Québec, Canada; ²Biovet Inc , 2900 Ave.Vanier, St-Hyacinthe, Québec, Canada; ³Vet. Med. Kansas, State University, Manhattan, USA.

Abstract

A 2 ME-RDE was developed using specific antigens of serotypes 1 to 12 of *A. pleuropneumoniae*. This test was evaluated for the serodignosis of *A. pleuropneumoniae* infection in experimentally and naturally infected pigs. The 2 ME-RDE test was also compared with other commercial enzyme-linked immunoassays. The Specificity and sensitivity values were calculated for each test. The 2 ME-RDE test was found more suitable for serodiagnosis of porcine pleuropneumonia and could be used as an alternative to the ELISA for monitoring herds for the detection of type specific antibodies simultaneously against all the known serotypes of *A. pleuropneumoniae* in pig sera. The test was found to be simple, rapid, sensitive and specific which could be used in conjunction with other serological tests for the screening of *A. pleuropneumoniae* infected herds under field conditions.