A Bayesian herd-level diagnostic test evaluation - Mycoplasma bovis

Nielsen, Per Kantsø; Petersen, Mette Bisgaard; Nielsen, Liza Rosenbaum; Halasa, Tariq; Toft, Nils

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Mycoplasma bovis

Per Kantsø Nielsen1, Mette Bisgaard Petersen2, Liza Rosenbaum Nielsen2, Tariq Halasa1, Nils Toft1

1) Section for Epidemiology, National Veterinary Institute, Technical University of Denmark
2) Department of Large Animal Sciences, Faculty of Health and Medical Sciences, University of Copenhagen

OBJECTIVE
To evaluate the performance, at herd level, of the BIO K 302 Mycoplasma bovis ELISA against the PathoProof Mastitis-3 PCR.

CONCLUSION
The BIO K 302 ELISA positive predictive value improves, at herd level, if the cut-off is increased.

RESULTS

BAYESIAN LATENT CLASS ANALYSIS

M. Bovis causes disease in cattle of all ages. Recently the prevalence among Danish dairy cattle has increased. A diagnostic test evaluation is required to establish a control program.