

Field application of a Rispens-specific qPCR test



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Vaccination success and effective methods for detecting MDV breaks in vaccinated flocks



This project conducted laboratory and in-field experiments to fully test and validate the molecular diagnostic tests used to differentiate between wild type and Rispens CVI988 serotype 1 Marek's disease virus (MDV). It also investigated the spread of Rispens between chickens and the effect of wild-type MDV challenge at different times post vaccination on the level of protection provided by Rispens vaccination. Results of this study expands understanding of the interaction between pathogenic and vaccinal viruses following vaccination with imperfect vaccines and provides advice for selection of appropriate samples to test for vaccination success.