FIELD APPLICATION OF A RISPENS-SPECIFIC QPCR TEST

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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.

PROJECT SUMMARY

Field application of a Rispens-specific qPCR test
PDF (174 KB)

FULL REPORT

Field application of a Rispens-specific qPCR test
PDF (3.2 MB)

RELATED PUBLICATIONS

Field studies on the detection, persistence and spread of the Rispens CVI988 vaccine virus and the extent of co-infection with Marek’s disease virus
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