

Vaccine Trial Data

Duration of Immunity Study Summary:

A study was performed to evaluate the duration of immunity for the RHDV2 vaccine. Kits aged 7-8 weeks old were vaccinated with the 2-dose regimen. A challenge was performed 207 days after the second vaccination for 24 vaccinated and 19 control rabbits.

Summary of Enrollment and Post-Challenge Mortality by Treatment Group

Group	Enrolled at Challenge	Surviving	Deceased	Mortality Rate
1 – Vaccinate	24	24	0	0%
2 - Placebo	19	1	18	95%

Mortality was observed in 18 of 19 control rabbits, and no mortality was observed in any of the 24 vaccinated rabbits. In this duration of immunity study, the vaccine which was administered in 2-dose regimen 21 days apart, was efficacious for at least 6 months.

Safety Data Summary

A safety study was performed at three different geographical locations involving 638 vaccinated rabbits (368 adults, 270 kits 8 weeks of age or younger) and 135 unvaccinated kits 8 weeks of age or younger. Rabbits were observed daily for adverse reactions. The most common reactions observed were diarrhea, injection site edema, lethargy, bloating, nasal discharge and unthrifty behavior.

Observation	Vaccinated	Unvaccinated
Diarrhea	11	6
Injection Site Edema	13	0
Lethargy	8	3
Bloating	3	4
Nasal Discharge	4	1
Unthrifty Behavior	3	2

For full details, please visit https://www.aphis.usda.gov/wcm/connect/eccd9ad2-045b-47d6-89c1-29e8f515ee16/474-1r00r0.pdf?MOD=AJPERES&CONVERT_TO=url&CACHEID=ROOTWORKSPACE-eccd9ad2-045b-47d6-89c1-29e8f515ee16-oKmaiQQ

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