



Summary of Studies Supporting USDA Product Licensure

Establishment Name	Zoetis Inc.
USDA Vet Biologics Establishment Number	190
Product Code	12M5.40
True Name	Bursal Disease-Newcastle Disease-Bronchitis-Reovirus Vaccine, Killed Virus
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	Pro Vac 4 - No distributor specified Pro Vac 4 - Zoetis Import Egypt Pro Vac 4 - Zoetis India Limited Pro Vac 4 - Zoetis Panama Provac 4 - Zoetis (Thailand) Limited
Date of Compilation Summary	April 30, 2025

Disclaimer: Do not use the following studies to compare one product to another. Slight differences in study design and execution can render the comparisons meaningless.

Study Type	Efficacy
Pertaining to	Infectious bursal disease virus
Study Purpose	Demonstrate efficacy against infectious bursal disease
Product Administration	
Study Animals	Chicken
Challenge Description	STC IBDV
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
USDA Approval Date	1 June 1995

Study Type	Efficacy
Pertaining to	Infectious bronchitis
Study Purpose	Demonstrate efficacy against infectious bronchitis Massachusetts type
Product Administration	
Study Animals	Chickens
Challenge Description	
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
USDA Approval Date	11 August 1987

Study Type	Efficacy
Pertaining to	Newcastle disease virus
Study Purpose	Demonstrate efficacy against Newcastle disease
Product Administration	intramuscularly
Study Animals	Chickens
Challenge Description	GB Texas
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
USDA Approval Date	11 August 1987

Study Type	Efficacy
Pertaining to	Reo virus
Study Purpose	Demonstrate efficacy against Reo virus in vaccinates
Product Administration	
Study Animals	Chicken
Challenge Description	Avian Reo virus
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
USDA Approval Date	29 November 1994

Study Type	Safety
Pertaining to	All fractions
Study Purpose	Demonstrate safety under field conditions
Product Administration	
Study Animals	
Challenge Description	
Interval observed after challenge	
Results	Study data were evaluated by USDA-APHIS prior to product licensure and met regulatory standards for acceptance at the time of submission. No data are published because this study was submitted to USDA-APHIS prior to January 1, 2007, and APHIS only requires publication of data submitted after that date.
USDA Approval Date	November 20, 1987