



Summary of Studies Supporting USDA Product Licensure

Establishment Name	Intervet Inc.
USDA Vet Biologics Establishment Number	165A
Product Code	4637.20
True Name	Canine Distemper-Adenovirus Type 2-Parainfluenza-Parvovirus Vaccine, Modified Live Virus, Leptospira Canicola-Icterohaemorrhagiae Bacterin
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	Nobivac 1-DAPPvL2 - Intervet Veterinaria Chile Ltda - Merck Sharpe and Dohme (MSD) Nobivac 1-DAPPvL2 - No distributor specified Nobivac Canine 1-DAPPvL2 - Merck Animal Health Nobivac Canine 1-DAPPvL2 - No distributor specified Nobivac DAPPvL2 - Intervet Veterinaria Chile Ltda Not Listed - Intervet Argentina S.A. Procyon: Dog DA2PPvL - Intervet Columbia Ltda Procyon: Dog DA2PPvL - MSD Salud Animal Columbia S.A.S. - Merck Sharpe and Dohme (MSD) Quantum Dog DA2PPvL - Intervet Venezolana S.A. Quantum Dog DA2PPvL - MSD Animal Health Quantum Dog DA2PPvL - No distributor specified
Date of Compilation Summary	March 04, 2019

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	Canine Adenovirus Type-2 (CAV-2)
Study Purpose	To demonstrate efficacy against Canine Adenovirus Type 1 (hepatitis) and Canine Adenovirus Type 2 (respiratory disease).
Product Administration	
Study Animals	Canine
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	May 24, 1999

Study Type	Safety
Pertaining to	Canine Adenovirus Type-2 (CAV-2)
Study Purpose	To demonstrate the development of corneal opacity is not associated with the use of this product.
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	1980

Study Type	Efficacy
Pertaining to	<i>Leptospira interrogans</i> serovar canicola
Study Purpose	To demonstrate efficacy against <i>L. canicola</i>
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	May 24, 1999

Study Type	Efficacy
Pertaining to	<i>Leptospira interrogans</i> serovar <i>icterohaemorrhagiae</i>
Study Purpose	To demonstrate efficacy against <i>L. icterohaemorrhagiae</i>
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	May 24, 1999

Study Type	Efficacy
Pertaining to	Canine Parainfluenza (CPI)
Study Purpose	To demonstrate efficacy against CPI
Product Administration	
Study Animals	Canine
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	July 9, 1999

Study Type	Efficacy
Pertaining to	Canine Distemper Virus (CDV)
Study Purpose	To demonstrate efficacy against CDV.
Product Administration	
Study Animals	Canine
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	July 8, 1999

Study Type	Efficacy
Pertaining to	Canine Parvovirus (CPV)
Study Purpose	To demonstrate efficacy against CPV
Product Administration	
Study Animals	Canine
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	May 21, 1999

Study Type	Safety
Pertaining to	ALL
Study Purpose	To demonstrate safety under field conditions.
Product Administration	
Study Animals	Canine
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	February 16, 1994