



## Summary of Studies Supporting USDA Product Licensure

Establishment Name	Zoetis Inc.
USDA Vet Biologics Establishment Number	190
Product Code	13C1.20
True Name	Canine Distemper-Adenovirus Type 2-Parainfluenza Vaccine, Modified Live Virus
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	VANGUARD DAPi - No distributor specified Vanguard DAP - No distributor specified
Date of Compilation Summary	December 14, 2021

**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.**

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Canine Adenovirus Type 2 (CAV-2)
<b>Study Purpose</b>	Demonstrate effectiveness against CAV-2 and CAV-1
<b>Product Administration</b>	
<b>Study Animals</b>	Canine
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	September 14, 1977

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Canine Parainfluenza Virus (CPI)
<b>Study Purpose</b>	Demonstrate effectiveness against CPI
<b>Product Administration</b>	
<b>Study Animals</b>	Canine
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	July 11, 1979

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Canine Parainfluenza Virus (CPI)
<b>Study Purpose</b>	Demonstrate effectiveness against CPI
<b>Product Administration</b>	
<b>Study Animals</b>	Canine
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	August 04, 1976

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Canine Parainfluenza Virus (CPI)
<b>Study Purpose</b>	Demonstrate effectiveness against CPI
<b>Product Administration</b>	
<b>Study Animals</b>	Canine
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	January 25, 1977

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Canine Distemper Virus (CDV)
<b>Study Purpose</b>	Demonstrate effectiveness against CDV
<b>Product Administration</b>	
<b>Study Animals</b>	Canine
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	November 15, 1976

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Canine Distemper Virus (CDV)
<b>Study Purpose</b>	Demonstrate effectiveness against CDV
<b>Product Administration</b>	
<b>Study Animals</b>	Canine
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	May 01, 1970

<b>Study Type</b>	Safety
<b>Pertaining to</b>	Canine Adenovirus Type 2 (CAV-2)
<b>Study Purpose</b>	Safety Evaluation to demonstrate the development of corneal opacity is not associated with the use of this product.
<b>Product Administration</b>	
<b>Study Animals</b>	Dogs
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	15 August, 1977



<b>Study Type</b>	Safety
<b>Pertaining to</b>	ALL
<b>Study Purpose</b>	To demonstrate safety under field conditions
<b>Product Administration</b>	
<b>Study Animals</b>	Canine
<b>Challenge Description</b>	
<b>Interval observed after challenge</b>	
<b>Results</b>	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.
<b>USDA Approval Date</b>	July 05, 1978