



## Summary of Studies Supporting USDA Product Licensure

Establishment Name	Intervet Inc.
USDA Vet Biologics Establishment Number	165A
Product Code	1871.03
True Name	Pasteurella Multocida Vaccine, Avirulent Live Culture, Avian Isolate
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	M-Ninevax-C - Intervet Canada Corp. M-Ninevax-C - Intervet Venezolana S.A. M-Ninevax-C - Merck Animal Health M-Ninevax-C - No distributor specified Merck Animal Health
Date of Compilation Summary	December 01, 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>	Pasteurella Multocida Vaccine Avirulent Live Culture, Avian Isolate
<b>Study Purpose</b>	To demonstrate effectiveness against Pasteurella Multocida
<b>Product Administration</b>	Wing-web
<b>Study Animals</b>	Chickens
<b>Challenge Description</b>	<i>Pasteurella multocida</i> Type 1 Strain X-73
<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>	February 21, 1986

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Pasteurella Multocida Vaccine Avirulent Live Culture, Avian Isolate
<b>Study Purpose</b>	To demonstrate effectiveness against Pasteurella Multocida.
<b>Product Administration</b>	Drinking Water
<b>Study Animals</b>	Turkeys
<b>Challenge Description</b>	<i>Pasteurella multocida</i> Type 3 Strain P1059
<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>	April 30, 1986

<b>Study Type</b>	Efficacy
<b>Pertaining to</b>	Pasteurella Multocida Vaccine Avirulent Live Culture, Avian Isolate
<b>Study Purpose</b>	To demonstrate effectiveness against Pasteurella Multocida
<b>Product Administration</b>	Wing Web
<b>Study Animals</b>	Turkeys
<b>Challenge Description</b>	<i>Pasteurella multocida</i> Type 3 Strain P1059
<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 24, 1992

<b>Study Type</b>	Safety
<b>Pertaining to</b>	Pasteurella Multocida Vaccine Avirulent Live Culture, Avian Isolate
<b>Study Purpose</b>	Demonstrate safety under typical field conditions
<b>Product Administration</b>	Drinking water
<b>Study Animals</b>	Turkeys
<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>	June 24, 1986

<b>Study Type</b>	Safety
<b>Pertaining to</b>	Pasteurella Multocida Vaccine Avirulent Live Culture, Avian Isolate
<b>Study Purpose</b>	Demonstrate safety under typical field conditions
<b>Product Administration</b>	Wing Web
<b>Study Animals</b>	Chickens
<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>	June 18, 1986

<b>Study Type</b>	Safety
<b>Pertaining to</b>	Pasteurella Multocida Vaccine Avirulent Live Culture, Avian Isolate
<b>Study Purpose</b>	Demonstrate safety under typical field conditions
<b>Product Administration</b>	Wing Web
<b>Study Animals</b>	Turkeys
<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 21, 1985

<b>Study Type</b>	Safety
<b>Pertaining to</b>	Pasteurella Multocida Vaccine Avirulent Live Culture, Avian Isolate
<b>Study Purpose</b>	Demonstrate safety under typical field conditions
<b>Product Administration</b>	Wing Web
<b>Study Animals</b>	Turkeys
<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 21, 1985