



Summary of Studies Supporting USDA Product Licensure

Establishment Name	Colorado Serum Company
USDA Vet Biologics Establishment Number	188
Product Code	1101.00
True Name	Bovine Rhinotracheitis Vaccine, Modified Live Virus
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	Professional Biological Company Respira-1 - No distributor specified
Date of Compilation Summary	December 27, 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.

Study Type	Efficacy
Pertaining to	Infectious bovine rhinotracheitis (IBR)
Study Purpose	To demonstrate efficacy against disease caused by infectious bovine rhinotracheitis
Product Administration	
Study Animals	Cattle
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 required publication of data submitted after that date.
USDA Approval Date	March 20, 1968

Study Type	Safety
Pertaining to	All fractions
Study Purpose	To demonstrate safety of product under typical field conditions
Product Administration	
Study Animals	Cattle
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 required publication of data submitted after that date.
USDA Approval Date	March 20, 1968