



Summary of Studies Supporting USDA Product Licensure

Establishment Name	Colorado Serum Company
USDA Vet Biologics Establishment Number	188
Product Code	2401.01
True Name	Clostridium Chauvoei-Septicum Bacterin
Tradename(s) / Distributor or Subsidiary (if different from manufacturer)	Essential 2 - No distributor specified
Date of Compilation Summary	January 11, 2022

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	Efficacy of product against <i>Clostridium chauvoei</i> (Blackleg) and Efficacy against <i>Clostridium septicum</i> (Malignant Edema)
Study Purpose	
Product Administration	Healthy cattle, sheep, and goats
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 required publication of data submitted after that date.
USDA Approval Date	March 9, 1979

Study Type	Safety
Pertaining to	All
Study Purpose	
Product Administration	Healthy cattle, sheep, and goats
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 required publication of data submitted after that date.
USDA Approval Date	March 9, 1979