

USDA Report 2022  
Registration: 64-R-0005  
Category E Explanation

Provide an explanation of the procedures producing pain or distress and the reasons the use of appropriate anesthetics, analgesics or tranquilizing drugs would have adversely affected procedures, results, or interpretations for all Pigs listed in Column E.

Procedure producing pain or distress:

Animals of varying vaccination status will be challenged with influenza virus. Treatment of mild signs of respiratory disease will be withheld.

Reasons the use of appropriate anesthetics, analgesics or tranquilizing drugs would have adversely affected procedures:

This is a study of Vaccine Associated Enhanced Respiratory Disease. It will assess clinicopathological features, immunology and cell mediated immunity in animals previously infected with or immunized against different influenza viruses and their correlation to VAERD. Intervention in animals showing mild signs of respiratory disease will inhibit the study the mechanism of the disease.