



United States Department of Agriculture  
Animal and Plant Health Inspection Service

# CVB Policy Canine Influenza

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*Safeguarding Animal Health*

# Vaccine Composition

## **Monovalent Inactivated Products**

- ▶ **Equine Influenza Virus H3N8**
- ▶ **Canine Influenza Virus H3N8**

# Efficacy

- ◆ **Vaccination/Challenge – Host Animal**

- ◆ **CVB Observation**

# Clinical Signs/Primary Variable

## Cough

- » Nasal Discharge
- » Depression
- » Pyrexia
- » Anorexia
- » Ocular Discharge

## Histopathology

- » Lung Tissue Samples
- » Tracheobronchial Samples

# Supporting Information

- ▶ **Demonstration of challenge material purity**
- ▶ **Viral Shedding – emphasis on differences  $\geq$  48 hours postchallenge**
- ▶ **Necropsy**
  - **Gross Pathology**
  - **Sample collection to rule out co-infection – CVB may collect matching samples**
  - **Virus Isolation**

## Expectations/Firm/CVB

- ▶ **Demonstrate that Canine Influenza Virus causes clinically relevant respiratory disease in dogs**
- ▶ ***If* any licenses are issued, significant license restrictions regarding product distribution should be expected**
- ▶ **Potency Assay – Guinea Pig HI using Canine Influenza H3N8 indicator virus**

**QUESTIONS?**