

Sequivity[®] IAV-S NA

Swine Influenza Vaccine
N1 & N2, RNA Particle

This product has been shown to be effective for the vaccination of healthy swine, 3 days of age or older, against influenza strains H1N1, H1N2 and H3N2. A duration of immunity of at least 12 weeks has been established against a 2019 H1N1 subtype. For more information regarding efficacy and safety data, see productdata.aphis.usda.gov

Advantages

The first ever influenza vaccine that utilizes the neuraminidase (NA) protein to create NA-specific immunity that reduces lung lesions, nasal shedding, and virus amounts in the lungs¹

- Proven cross-protection against both homologous and heterologous strains¹
 - Lung lesion reduction from different challenge strains ranged from 78.4% to 89.4% less compared to control animals¹
- 12 week duration of immunity against a 2019 H1N1 subtype
- Utilizes sow farm labor with 1 dose at processing and 1 dose at weaning
- Influenza strains selected based on over 6,000 available IAV-S sequences
- No risk of vaccine shedding or reversion to virulence
- Merck Animal Health provides technical support to create an optimal influenza control program
- A Differentiating Infected from Vaccinated Animal (DIVA) designed vaccine that can be used to assist virus surveillance and control programs²
- Trusted Microsol Diluvac Forte[®] adjuvant provides optimal immune response



UIN: 361387 - 50 doses

UIN: 377641 - 250 doses

1: Data on file, Merck Animal Health.

2: Rahn J, Hoffmann D, Harder TC, Beer M. Vaccines against influenza A viruses in poultry and swine: Status and future developments. Vaccine. 2015 May 15;33(21):2414-24. doi: 10.1016/j.vaccine.2015.03.052. Epub 2015 Mar 31. PMID: 25835575.



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This product contains RNA Particle N1 and N2 strains from the following swine influenza isolates:

A/swine/Iowa/A01410307/2014 (H1N1)

A/swine/Minnesota/A01483170/2014 (H1N1)

A/swine/Michigan/A02077465/2015 (H1N2)

A/swine/Illinois/A01475495/2014 (H1N2)

PREPARATION:

This vaccine is supplied in 2 vials that must be combined prior to administration. Prepare by thawing the frozen RNA Particle vaccine and aseptically transfer contents into the diluent vial. Use only the supplied diluent for mixing. Invert several times to mix.

DOSE: Administer 1 mL intramuscularly to pigs 3 days of age or older. Repeat vaccination at 3 weeks of age, or 3 weeks after the initial vaccination.

CAUTIONS:

Store RNA Particle vaccine at or below -60°C (-76°F). Thaw RNA Particle vaccine at room temperature, 18-22°C (65-72°F). Approximate thaw time for a 250 dose vial is 2 hours. Approximate thaw time for a 50 dose vial is 1 hour. Use entire contents immediately after mixing with diluent and when first opened, do not save partial contents. Do not mix with other products, except as specified on this label. This product has not been tested on pregnant animals. Please note, this vaccine may induce moderate transient local injection site reactions after vaccination, particularly following the second dose in the vaccinated pigs. In case of human exposure, contact a physician. This product does not contain antibiotics. In case of anaphylaxis, treat with epinephrine. Do not vaccinate within 21 days before slaughter. See enclosure for complete directions.

FOR USE IN SWINE ONLY. FOR ANIMAL USE ONLY.

READ AND FOLLOW LABEL DIRECTIONS

U.S. Veterinary License No. 165A/PCN: 19A5.R8

FOR ANIMAL USE ONLY