

# FluSure® Pandemic

## Description

For vaccination of healthy swine, including pregnant sows and gilts, 3 weeks of age or older against Swine Influenza Virus (SIV) subtype pH1N1.

## Advantages

- Helps producers protect their herds from the pandemic (pH1N1) strain of SIV
- Adds another valuable swine influenza management tool in the FluSure® XP Defense System toolbox
- Developed from a USDA Master Seed Virus to help protect pigs against current pH1N1 strains circulating in humans and pigs
- Studies have shown that antibodies against a homologous (same) strain of swine influenza circulating in pigs helps provide optimal immunity.<sup>1</sup> FluSure Pandemic contains the strain that is known to be circulating in North American pigs<sup>2</sup>
- Challenge study demonstrated the vaccine reduced both viral shedding and lung lesions<sup>3</sup>
- Serologic studies in pigs vaccinated with this vaccine show increased titers against pH1N1<sup>3,4</sup>
- This product has been shown to be safe in growing pigs<sup>3,4</sup>
- Pfizer Animal Health manufacturing facilities meet or exceed quality standards for regulatory agencies around the world

## Indications

For vaccination of healthy swine, including pregnant sows and gilts, 3 weeks of age or older as an aid in preventing nasal shedding and reducing lung lesions caused by SIV subtype pH1N1. This product is a freeze-dried preparation containing the A/California/04/2009 (H1N1) isolate.

## Packaging

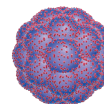
FluSure Pandemic is available in the following pack sizes:

- 50 dose – SKU # 5042
- 250 dose – SKU # 5043



## Offers the advantages of the proprietary adjuvant, Amphigen.®

Amphigen, the adjuvant in FluSure Pandemic, helps provide an excellent immune response, a high degree of safety, ease of use and excellent syringeability.



## Dosage and Administration

1. General Directions: Vaccination of all pigs on the premises is recommended to enhance the herd immunity. Shake diluent before use. Aseptically rehydrate the freeze-dried vaccine with the accompanying adjuvant-containing sterile diluent provided, shake well, and administer 2 mL intramuscularly.
2. Primary Vaccination: Healthy swine 3 weeks of age or older should receive two 2-mL doses administered approximately 3 weeks apart. In young pigs, vaccinate after maternally derived antibodies to SIV have declined. Duration of immunity for this product has not been evaluated.
3. Good animal husbandry and herd health management practices should be employed.

# FluSure<sup>®</sup> Pandemic

---

## Precautions

Store at 2°–7°C. Prolonged exposure to higher temperatures may adversely affect potency. Do not freeze.

Use entire contents when first opened or rehydrated.

Sterilized syringes and needles should be used to administer this vaccine.

Do not administer within 21 days before slaughter.

Contains gentamicin as a preservative.

As with many vaccines, anaphylaxis may occur after use. Initial antidote of epinephrine is recommended and should be followed with appropriate supportive therapy.

## Contact Information

Technical inquiries should be directed to Pfizer Animal Health Veterinary Services: (800) 366-5288 (USA).

For additional information, contact your local Pfizer Animal Health representative.

<sup>1</sup> Jee Hoon Lee. Efficacy of swine influenza A virus vaccines against an H3N2 virus variant. *Can J Vet Res* 2007;71:207-212.

<sup>2</sup> Lager, K., Vincent L., Zanella J., Zanella E., Lorusso A., Faaberg A., Kehrli, M. Update on 2009 Pandemic H1N1 Influenza Virus Infections of Swine in *Proceedings*. Iowa State University Swine Disease Conference 2010, pp 128-131.

<sup>3</sup> Data on file, Study Report No. 3121R-60-09-792, Pfizer Inc.

<sup>4</sup> Data on file, Study Report No. 3125R-60-09-761, Pfizer Inc.



INDIVIDUAL PIG CARE. IT'S THE RIGHT THING TO DO.™

