

3FLEX®

Porcine Circovirus Vaccine Type 2, Killed Baculovirus Vector Mycoplasma Hypopneumoniae Bacterin Porcine Reproductive and Respiratory Syndrome (PRRS) Vaccine

Description

The 3FLEX combination package contains Porcine Circovirus Type 2 (PCV2), *Mycoplasma hypopneumoniae* (Mhp) and Porcine Reproductive and Respiratory Syndrome (PRRS) vaccine that is USDA approved to be mixed and administered as a single injection to pigs 3 weeks of age and older.

Ingelvac MycoFLEX® is supplied in a headspace bottle (HSB) with extra capacity for the purpose of convenient mixing with Ingelvac CircoFLEX® and Ingelvac PRRS® MLV.

Features and Benefits

The only 3-way licensed USDA circovirus, mycoplasma and PRRS combination vaccine:

- Single 2-mL dose. Reduced labor costs compared to two-dose vaccine and minimizes stress on pigs
- Easy to administer
- Low viscosity, highly syringeable
- Low risk of adverse reactions and stress on pigs due to one-dose administration and ImpranFLEX® adjuvant¹ (an effective, aqueous-based [non-oil] polymer adjuvant)
- Long-lasting duration of immunity and rapid onset of immunity²
- Proven lack of interference between antigens to provide optimum efficacy
- Highly immunogenic and non-virucidal vaccine, thanks to a state-of-the-art and novel purification process (DiaTEC)
- Headspace bottle (HSB) technology allows for easy mixing
- PQA® Plus friendly
- A member of the FLEX Family (nine swine vaccines, multiple combinations); allowing you flexible vaccination scheduling

Dosage and Administration

Mix the package contents according to label instructions. Using aseptic technique, inject a single 2-mL dose of vaccine intramuscularly.

Does not need to be tempered.

Precautions

Store in dark at 35–46° F (2–8° C).

Do not freeze.

Use entire contents when first opened.

Do not vaccinate within 21 days before slaughter.

Uses

For vaccination of healthy, susceptible swine 3 weeks of age or older as an aid in the prevention of lymphoid depletion, inflammation and colonization of lymphoid tissue and as an aid in reduction of the magnitude of viremia associated with Porcine Circovirus Type 2 (PCV2), as an aid in the reduction of disease caused by *Mycoplasma hypopneumoniae*, and as an aid in the prevention of respiratory disease associated with Porcine Reproductive and Respiratory Syndrome virus.

The onset of protection against Porcine Circovirus Type 2 is 2 weeks post vaccination, and the duration of immunity is at least 4 months. The duration of immunity against *M. hypopneumoniae* is at least 26 weeks. The duration of immunity against PRRS is at least 4 months, which is throughout the gestation of sows and gilts, or throughout the finishing period for pigs.

Warning

Do not vaccinate breeding-age boars. Indicated for use in PRRS virus-positive herds only. PRRS vaccine virus may be shed and transmitted to other populations of swine that are in contact with vaccinated swine. The duration of potential vaccine virus transmission may vary. Burn containers and all unused contents.

In case of anaphylactic reaction, epinephrine is the symptomatic treatment.

Product Information

Name	Code	Size
3FLEX®	118377	50 dose
	117097	250 dose



Highlights

- Convenient single 2-mL dose
- Three efficacious vaccines in one injection
- Combination packaging with headspace bottle (HSB) technology for convenient mixing
- High safety profile (Low risk of adverse reactions)
- Highly immunogenic and non-virucidal vaccine, thanks to a state-of-the-art and novel purification process (DiaTEC)
- Flexible vaccination scheduling

This product has been shown to be effective for the vaccination of healthy swine 3 weeks of age or older against Porcine Circovirus type 2 (PCV2), *Mycoplasma hyopneumoniae*, and respiratory form of Porcine Reproductive and Respiratory Syndrome (PRRS) virus. The duration of immunity is at least 4 months against the respiratory form of PRRS disease, at least 4 months against PCV2, and at least 26 weeks against *Mycoplasma hyopneumoniae*. For more information regarding efficacy and safety data go to productdata.aphis.usda.gov.

Composition: This product contains PCV2a.

Precautions: Store at 35-46°F (2-8°C). Do not freeze. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Do not mix with other products, except as specified on this carton. In case of anaphylactoid reaction, administer epinephrine. Not for use in pregnant swine or boars. Indicated for use in PRRS virus-positive herds only. Vaccine virus may be shed and transmitted to other populations of swine in contact with vaccinated swine. The duration of potential vaccine virus transmission may vary. Use of the vaccine in herds intended to remain PRRS virus seronegative is contraindicated. Introduction of vaccinated pigs into herds intended

Porcine Reproductive & Respiratory Syndrome-Circovirus Vaccine
 Reproductive & Respiratory Form, Type 2,
 Modified Live Virus, Killed Baculovirus Vector

**Mycoplasma
 Hypneumoniae Bacterin
 3FLEX®**
 250 Doses HSB
 Mix to 500 mL

250
 DOSES

Boehringer
 Ingelheim

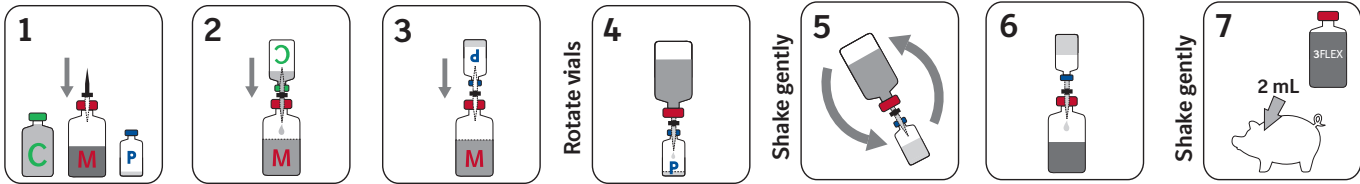
to remain PRRS virus seronegative is contraindicated. In case of human exposure, contact a physician. Inactivate unused contents before disposal.

Preservative: Neomycin.

This package contains one 250 dose vial of Ingelvac CircoFLEX® 1, one 250 dose vial of Ingelvac MycoFLEX® 2, and one 250 dose vial of Ingelvac PRRS® MLV 3. The Ingelvac MycoFLEX® 2 is supplied in a headspace bottle (HSB) with extra capacity for the purpose of aseptic mixing.

3FLEX®, Ingelvac MycoFLEX®, Ingelvac CircoFLEX®, and Ingelvac PRRS® are registered trademarks of Boehringer Ingelheim Vetmedica GmbH. Used under license.

Boehringer Ingelheim
 Animal Health USA Inc.
 St. Joseph, MO 64506
 Phone: 1 (888) 637-4251
 VLN/PCN 124/49K9.R01



Dosage & Administration

Shake each bottle of liquid product before use. Insert a vented transfer spike into INGELVAC MYCOFLEX 2 headspace bottle. Invert the INGELVAC CIRCOFLEX 1 bottle over the INGELVAC MYCOFLEX 2. Transfer the full contents of the vaccine into the INGELVAC MYCOFLEX 2 bottle via the transfer spike and gently shake. Remove the INGELVAC CIRCOFLEX 1 bottle, and slowly insert the transfer spike into the INGELVAC PRRS MLV 3 vaccine bottle, releasing the vacuum. Transfer a portion of the mixed vaccine from the INGELVAC MYCOFLEX 2 bottle into the INGELVAC PRRS MLV 3 bottle. The amount transferred needs to be enough to rehydrate the INGELVAC PRRS® MLV 3 product. Flip the INGELVAC PRRS MLV 3 and INGELVAC MYCOFLEX 2 bottles—still attached by transfer spike—to transfer rehydrated product back into the INGELVAC MYCOFLEX 2 bottle. Shake well and use immediately. Rehydrate only with the accompanying vaccines; do not mix other materials.

SCAN FOR VIDEO INSTRUCTIONS



ENGLISH



SPANISH

	PCV2	Respiratory PRRS	Reproductive PRRS	Mhp	Whole herd
Ingelvac CircoFLEX®	X				X
Ingelvac MycoFLEX®				X	X
FLEX CircoPRRS®	X	X	X		X
FLEX MycoPRRS®		X	X	X	X
FLEXcombo®	X			X	X
3FLEX®	X	X	X	X	X

Boehringer Ingelheim Animal Health USA Inc.
 3239 Satellite Blvd., Duluth, Georgia 30096-4640
 Information 888-637-4251
www.bi-animalhealth.com/swine

References

- Sponheim A, Payne B, Cline G. A comparison of injection-site lesions in nursery pigs vaccinated with commercial single-dose PCV2 vaccine products, in *Proceedings*. Allen D. Lemman Swine Conf 2012.
- Mair K, Koinig H, Germer W, et al. Carbopol improves the early cellular immune responses induced by the modified-live vaccine Ingelvac PRRS® MLV. *Vet Microbiol* 2015;176(3-4):352-357. doi: 10.1016/j.vetmic.2015.02.001.

3FLEX®, INGELVAC MYCOFLEX®, INGELVAC CIRCOFLEX®, INGELVAC PRRS®, IMPRANFLEX®, FLEX CIRCOPRRS® and FLEXCOMBO® are registered trademarks of Boehringer Ingelheim Vetmedica GmbH, used under license. All other trademarks are property of their respective owner. ©2023 Boehringer Ingelheim Animal Health USA Inc., Duluth, GA. All Rights Reserved. US-POR-0088-2023.