

# Ingelvac® AR4

## ***Bordetella bronchiseptica Pasteurella multocida* Type D Bacterin-Toxoid**

### **Description**

*Bordetella bronchiseptica* and *Pasteurella multocida* Type D Bacterin-Toxoid.

### **Features**

Ingelvac AR4 dual toxoid delivers a wider range of protection.

Ingelvac AR4 is unique in its ability to protect against toxigenic strains of *Bordetella* as well as *Pasteurella multocida* Type A&D.

Intramuscular or subcutaneous administration.

### **Benefits**

Broadest toxoid protection available. Helps pigs generate antibodies that neutralize the toxin produced by toxigenic strains of *Bordetella bronchiseptica*. *Bordetella bronchiseptica* toxin antibodies may stop the problem before *Pasteurella* gets a foothold. Bacterin-toxoid means that the vaccine contains not only the bacteria itself, but also a toxoid that helps the pig generate antibodies to neutralize the toxin produced by both *Bordetella bronchiseptica* and *Pasteurella multocida* Type A&D.

### **Advantages**

Ingelvac AR4 is the only dual-toxoid atrophic rhinitis product available.

Low volume 1 mL pig dose.

Flexible administration.

### **Dosage & Administration**

**Sows and Gilts:** Using aseptic technique, inject 2 mL intramuscularly 5 weeks prior to farrowing. Repeat with a second 2 mL dose 2 to 3 weeks prior to farrowing. Administer one 2 mL dose 2 to 3 weeks prior to each subsequent farrowing.

**Pigs:** Using aseptic technique, vaccinate intramuscularly or subcutaneously with 1 mL prior to weaning. Recommended revaccination of pigs is 2 to 3 weeks later.

### **Precautions**

Store out of direct sunlight at a temperature not over 45°F (7°C). Avoid freezing. Shake well before using. Use entire contents when first opened. Anaphylactoid reactions may occur.

Antidote: Epinephrine.

### **Uses**

Ingelvac AR4 is recommended for the vaccination of healthy, susceptible swine against atrophic rhinitis caused by toxigenic *Bordetella bronchiseptica* and *Pasteurella multocida* toxigenic Type A&D. Protection in the piglet is provided by the maternal antibodies in colostrum. Therefore, piglets should receive colostrum from the vaccinated sow as soon as possible after birth. Vaccination of the piglet is also necessary for active immunity.

### **Warning**

Do not vaccinate within 21 days before slaughter.

### **Product Information**

Name	Code	Size
Ingelvac®AR4	123-135	50 doses 100 mL

### **Highlights**

- Dual toxoid delivers the widest range of protection available.
- Intramuscular or subcutaneous administration.
- The Ingelvac AR4 dosage schedule is easy to follow.
- Helps pigs generate antibodies that neutralize the toxin produced by *Bordetella bronchiseptica* as well as toxins produced by *Pasteurella multocida* Type D.



Exp. Date:

Serial No.:

**Indications:** Recommended for the vaccination of healthy, susceptible swine against atrophic rhinitis caused by toxigenic *Bordetella bronchiseptica* and *Pasteurella multocida* toxigenic Type D and protects against toxin produced by *Pasteurella multocida* toxigenic Type A. Protection in the piglet is provided by the maternal antibodies in colostrum. Therefore, piglets should receive colostrum from the vaccinated sow as soon as possible after birth. Vaccination of the piglet is also necessary for protection.

**Dosage:** Sows and Gilts: Using aseptic technique, inject 2 mL intramuscularly 5 weeks prior to farrowing. Repeat with a second 2 mL dose 2 to 3 weeks prior to farrowing. Administer one 2 mL dose 2 to 3 weeks prior to each subsequent farrowing.

**Pigs:** Using aseptic technique, vaccinate intramuscularly or subcutaneously with 1 mL prior

**Bordetella Bronchiseptica-  
Pasteurella Multocida  
Bacterin-Toxoid  
Ingelvac® AR4**

100 mL/50 Sow Doses  
or 100 Pig Doses

to weaning. Recommend revaccination of pigs in 2 to 3 weeks.

**Precautions:** Store out of direct sunlight at a temperature between 35-45°F (2-7°C). Avoid freezing. Shake well. Use entire contents when first opened. Do not vaccinate within 21 days before slaughter. Anaphylactoid reactions may occur.

**Antidote:** Epinephrine.

**Preservative:** Gentamicin.

**Boehringer Ingelheim Vetmedica, Inc.**  
St. Joseph, MO 64506 U.S.A.  
U.S. Veterinary License No. 124  
(800) 323-7527

Code 123-135; 23118-02



**Boehringer  
Ingelheim**

**BIVI Alternatives**

	Toxigenic <i>Pasteurella multocida</i> A Bacterin-Toxoid	Toxigenic <i>Pasteurella multocida</i> D Bacterin-Toxoid	<i>Bordetella bronchiseptica</i>	<i>Bordetella bronchiseptica</i> Toxoid	<i>Erysipelas</i>	<i>Haemophilus parasuis</i>
Toxovac® AD + E	X	X	X		X	
Toxovac® Plus Parasuis	X	X	X		X	X

**Boehringer Ingelheim Vetmedica, Inc.**

2621 North Belt Highway • St. Joseph, MO 64506-2002

Information 800-821-7467 • Customer Service 800-325-9167 • Fax 816-236-2717

Website [www.bi-vetmedica.com](http://www.bi-vetmedica.com)