

# Bar-Guard-99™

## E coli Antibody Vaccine

### Description

Escherichia Coli Antibody Equine Origin. Bar-Guard-99™ is prepared from the blood of horses hyperimmunized with a whole culture of *E coli*, 0101:K 30:K 99, containing the K 99 pilus antigen. Contains cresol as a preservative.

### Features

Contains whole cell antibodies against whole cell *E coli*.

Protects newborn calves and lambs.

Provides rapid-acting passive immunity.

Administer orally.

Polyclonal antibody protection.

Single dose is prepacked in a syringe.

### Benefits

Assures calves/lambs receive high level of antibody to K 99.

Onset of protection occurs quickly.

Broad, effective K 99 *E coli* antibody coverage.

Easy-to-administer.

### Advantages

Increases survival rates in calves and lambs shown in K 99 enterotoxigenic *E coli* challenge studies.

### Dosage & Administration

Using aseptic technique orally administer 10 mL to calves as soon as possible after birth. For optimal results administration should occur within 12 hours after birth and preferably within 6 hours of birth. May be administered within 8 hours of exposure, not to exceed 20 hours of age. Colostrum should be fed to the calf prior to administration.

For lambs using aseptic technique administer 2 mL orally as soon as possible after birth. Administer within 12 hours after birth and preferably within 6 hours of birth.

### Precautions

Store out of direct sunlight at a temperature between 35° - 45° F (2° - 7° C). Avoid freezing. Shake well and use immediately. Do not administer within 21 days of slaughter. Anaphylactoid reactions may occur. Antidote: Epinephrine.

### Highlights

- Increases calf /lamb survival rates.
- Easy-to-administer.
- Assures high levels of antibody.
- Onset of protection occurs quickly.

### Uses

Bar-Guard-99 is recommended for prevention of colibacillosis caused by K 99 strains of *E coli* in newborn calves and lambs. It is also effective when administered in the early stages of infection characterized by mild diarrhea but no dehydration or depression.



### Warning



For oral use only. The efficacy of Bar-Guard-99 may be reduced if administered to calves showing signs of severe diarrhea, mild dehydration and depression. Not effective against diarrhea caused by infectious agents other than K 99 strains of *E coli*. As good management practice colostrum should be administered to calves and lambs as soon as possible after birth.

### Product Information

Name	Code	Size
Bar-Guard-99™	108-131	10 mL 1 dose
	108-121	50 mL 5 doses



<p>Serial No.:</p> <p>Exp. Date:</p>	<p><b>Directions:</b> Shake well and use immediately. See carton for complete directions and precautions. Colostrum should be fed to the animal prior to administration of Bar-Guard-99™ antibody product.</p> <p><b>Dosage: Calves:</b> Using aseptic technique, administer 10 mL orally as soon as possible after birth. For optimal results, Bar-Guard-99 should be administered within 12 hours after birth and preferably within 6 hours of birth. Bar-Guard-99 may also be administered within 8 hours of exposure, not to exceed 20 hours of age.</p> <p><b>Lambs:</b> Using aseptic technique, administer 2 mL orally as soon</p>	 <p><b>Escherichia Coli Antibody</b> Equine Origin <b>Bar-Guard-99™</b> For Oral Use Only 1 Dose/10 mL</p>	<p>as possible after birth. Bar-Guard-99 should be administered within 12 hours after birth and preferably within 6 hours of birth. Contains cresol as a preservative. Anaphylactoid reactions may occur.</p> <p><b>Antidote:</b> Epinephrine.</p> <p><b>Boehringer Ingelheim Vetmedica, Inc.</b> St. Joseph, MO 64506 U.S.A. U.S. Veterinary License No. 124 Code 108-111; 08101-02</p> <p> <b>Boehringer Ingelheim</b></p>
--------------------------------------	---	---	--

<p>Serial No.:</p> <p>Exp. Date:</p>	<p><b>Directions:</b> Shake well and use immediately. See carton for complete directions and precautions. Colostrum should be fed to the animal prior to administration of Bar-Guard-99™ antibody product.</p> <p><b>Dosage: Calves:</b> Using aseptic technique, administer 10mL orally as soon as possible after birth. For optimal results, Bar-Guard-99 should be administered within 12 hours after birth and preferably within 6 hours of birth. Bar-Guard-99 may also be administered within 8 hours of exposure, not to exceed 20 hours of age.</p>	 <p><b>Escherichia Coli Antibody</b> Equine Origin <b>Bar-Guard-99™</b> For Oral Use Only 5 Dose/50 mL</p>	<p><b>Lambs:</b> Using aseptic technique, administer 2 mL orally as soon as possible after birth. Bar-Guard-99 should be administered within 12 hours after birth and preferably within 6 hours of birth. Contains cresol as a preservative. Anaphylactoid reactions may occur.</p> <p><b>Antidote:</b> Epinephrine.</p> <p><b>Boehringer Ingelheim Vetmedica, Inc.</b> St. Joseph, MO 64506 U.S.A. U.S. Veterinary License No. 124 Code 108-121; 08102-02</p> <p> <b>Boehringer Ingelheim</b></p>
--------------------------------------	---	---	---

**Boehringer Ingelheim Vetmedica, Inc.**  
**2621 North Belt Highway • St. Joseph, MO 64506-2002**  
**Information 800-325-9167 • Customer Service 800-325-9167 • Fax 816-236-2717**  
**www.bi-vetmedica.com**