

MERCK ANIMAL HEALTH

Intervet Inc.

2 GIRALDA FARMS, MADISON, NJ, 07940

Customer Service: 800-521-5767

Order Desk: 800-648-2118

Technical Service (Companion Animal): 800-224-5318

Technical Service (Livestock): 800-211-3573

Fax: 973-937-5557

Website: www.merck-animal-health-usa.com



Every effort has been made to ensure the accuracy of the information published. However, it remains the responsibility of the readers to familiarize themselves with the product information contained on the USA product label or package insert.

Guardian®

Intervet/Merck Animal Health

BOVINE ROTAVIRUS-CORONAVIRUS VACCINE, KILLED VIRUS, CLOSTRIDIUM PERFRINGENS TYPES C & D-ESCHERICHIA COLI BACTERIN-TOXOID

Guardian® vaccine is a multiple antigen product which includes a cell-free extract of K99 pilus type of *Escherichia coli*, a unique combination of two inactivated coronaviruses, two G-types of inactivated rotaviruses and a bacterin-toxoid from *Clostridium perfringens* Types C and D. It is recommended for use in healthy pregnant heifers and cows as an aid in the prevention of neonatal calf diarrhea caused by enterotoxigenic *E. coli* pilus type K99, bovine Group A Serotype G6 rotaviruses, enterotoxemia caused by *C. perfringens* Types C and D, and as an aid in the control of neonatal calf diarrhea caused by bovine coronaviruses.

DOSAGE: Using aseptic technique, inject healthy pregnant cattle with 2 mL subcutaneously 3 months prior to calving. Repeat in 3 - 6 weeks following initial vaccination. For subsequent calvings, revaccinate with a single 2 mL dose 5 - 7 weeks before calving. For *E. coli*, protection was shown when the first dose was given as early as 6 months prior to calving.

CAUTION: Store at 2° to 7°C (35° to 45°F). Do not freeze. Shake well before use. Use entire contents when first opened. Do not vaccinate within 60 days before slaughter. Transient local reaction may occur at the injection site. If allergic response occurs, administer epinephrine.

PRESERVATIVES: Gentamicin and thimerosal.

FOR ANIMAL USE ONLY

Intervet Inc., Merck Animal Health, division of Intervet Inc, Omaha, NE 68103 USA

U.S. Vet Lic. No. 165A

1-800-521-5767

For Patent info.: <http://www.merck.com/product/patent/home.html>

Code

10 Doses 20 mL 065302 149909-16

50 Doses 100 mL 065307 139916-16

CPN: 1047241.6

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