

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



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ProSystem® Rota

Intervet/Merck Animal Health

Porcine Rotavirus Vaccine

Modified Live Virus

Porcine Rotavirus Vaccine is a modified live virus containing 2 modified live G serotypes 5 and 4 of Serogroup A rotavirus, which have been modified so that they do not cause disease in baby pigs, feeder pigs or pregnant swine. The vaccine is recommended as an aid in the prevention of rotaviral diarrhea in young pigs. Rotavirus is one cause of viral gastroenteritis characterized by vomiting, watery diarrhea, dehydration and death in young pigs; therefore, the clinical signs may be identical to those of TGE. The disease is very common in both nursing and weaned pigs, and all swine herds so far examined show serologic evidence of its presence. Efficacy of the rotavirus vaccine has been demonstrated in both pregnant sows and baby pigs. Some animals may be unable to develop or maintain an adequate immune response following vaccination if they are incubating any infectious disease, are malnourished or parasitized, or stressed due to shipment or adverse environmental conditions. Oral and intramuscular vaccination of nursing pigs induces active immunity and will protect them against post-weaning rotavirus-induced scours. Laboratory confirmation of the cause of baby pig diarrhea is recommended since other viral, bacterial and coccidial agents can cause similar disease signs. If diarrhea persists after use of the vaccine, additional diagnostic work may be warranted.

INDICATIONS: For use as an aid in the prevention of rotavirus diarrhea in young pigs. Contains two major Rotavirus serotypes. It is recommended that pregnant sows and gilts always be vaccinated with ProSystem® TGE/Rota (Porcine Rotavirus-Transmissible Gastroenteritis Vaccine) (as directed) prior to farrowing. This should result in increased levels of milk antibody and protection of nursing pigs. Since pigs lose their passive milk protection when they are weaned, it is necessary to actively immunize them by oral and intramuscular vaccination prior to weaning.

Dosage and Directions:

Vaccinate each baby pig with one 1 mL oral dose and one 1 mL intramuscular dose about 7-10 days preweaning.

Reconstitute desiccated virus vaccine with sterile diluent provided using 10-15 mL. Then transfer all liquid vaccine to the 50 mL plastic diluent vial to obtain 50 doses of 1 mL each.

Vaccine can then be administered with either automatic syringes or a plastic oral dosing bottle.

Inoculate each pig orally with 1 mL of the reconstituted ProSystem® Rota vaccine and inject one dose intramuscularly.

Do not return the pig to the sow for at least 30 minutes after oral vaccination.

Always wash oral vaccine dispensers thoroughly with soap and water and rinse thoroughly with clean water before addition of vaccine.

CAUTION: Store in the dark at 2° to 7°C (35° to 45°F). Do not freeze. Use immediately after reconstitution; do not save partial contents; burn both containers and all unused contents. Use only in

healthy animals. Do not vaccinate within 21 days of slaughter. If allergic reaction occurs, treat with epinephrine. Contains gentamicin as preservative.

FOR ANIMAL USE ONLY

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

U.S. Veterinary License No. 165A

1-800-521-5767

For patent information:

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

		Code	
50 doses	50 mL	026118	156177-06

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