

# ProSystem® Rota

## PORCINE ROTAVIRUS VACCINE

Modified Live Virus

For use as an aid in the prevention of rotavirus diarrhea in young pigs.  
Contains two major Rotavirus serotypes.

### Advantages

Greatly reduces the incidence and severity of rotavirus scours in young pigs.

- First USDA-licensed vaccine with two serotypes of serogroup A rotavirus; G5 (A<sub>1</sub>) and G4 (A<sub>2</sub>); for best protection
- Aids in the control of rotaviral diarrhea in weaned pigs
- Extensively evaluated in experimental tests and field trials
- Proven safe for preweaned pigs by oral and IM route
- 100% protection from mortality in rotavirus challenge of vaccinated piglets



One 50-dose vial of  
ProSystem® Rota



# ProSystem<sup>®</sup> Rota

## PORCINE ROTAVIRUS VACCINE

Modified Live Virus

### INTRODUCTION:

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. 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.

It is recommended that pregnant sows and gilts always be vaccinated with ProSystem<sup>®</sup> 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 GUIDELINES:

Follow directions carefully.

Each baby pig should receive, before weaning, at least two doses of ProSystem<sup>®</sup> Rota vaccine. One oral dose and one intramuscular dose about 7–10 days pre-weaning.

Reconstitute the dried vaccine with sterile diluent provided. Use 50 ml. for the 50-dose size. Reconstitute the 50-dose vaccine vial with 10–15 ml. sterile diluent and then return the liquid vaccine to the remainder of the diluent in the plastic 50 ml. diluent vial. The 50 doses of 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<sup>®</sup> 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:

1. Store in the dark at not over 45°F. (7°C.). Do not freeze.
2. Use vaccine immediately after reconstitution. Always use clean syringes and dispensers without chemical residues, which can destroy the vaccine. Use entire contents when first opened. Burn this container and all unused contents.
3. Use vaccine in healthy animals only, and do not vaccinate within 21 days of slaughter.
4. If allergic reaction follows use of this product, treat with epinephrine. If diarrhea persists after use of the vaccine, additional diagnostic work may be warranted.
5. Although this product has been shown to be efficacious, 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.
6. Contains gentamicin as preservative.

### READ AND FOLLOW LABEL DIRECTIONS

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