

AquaVac ERM Oral

Introduction



Company name: [Intervet / Schering-Plough Animal Health](http://www.intervet.co.uk)
 Address: **Walton Manor**
Walton
Milton Keynes
MK7 7AJ
 Telephone: **01908 685685 (Customer Support Centre)**
 Telephone: **01908 665050 (Switchboard)**
 Fax: **01908 685555**
 Email: support.uk@intervet.com
 Website: www.intervet.co.uk

Presentation

Inactivated bacterial vaccine in an oil emulsion. Each ml contains: Inactivated cells of *Yersinia ruckeri* (Hagerman type I strain) not less than 5×10^8 cfu/mL, RPS* >60%
 (*RPS: relative percentage survival in rainbow trout)

Uses

Active immunization of rainbow trout (*Oncorhynchus mykiss*), 26g and above against Enteric Redmouth disease (ERM) to reduce mortality caused by the Hagerman Type I (serotype 01) strain of *Yersinia ruckeri*. The vaccine is indicated for use in fish that have been vaccinated by immersion with AquaVac™ ERM within the previous 4 to 6 months.

Dosage and administration

The product is administered orally, to fish that have received vaccination with AquaVac ERM immersion vaccine 4-6 months previously. Vaccination is administered to fish of not less than 26g weight in a 10-day feeding program, in which feed pellets treated with vaccine are administered according to the following protocol:

Day 1-5	0.01ml per fish per day
Day 6-10	No vaccine feed
Day 11-15	0.01ml per fish per day
Total	0.1ml per fish

The precise bacterial dose taken up by individual fish cannot be calculated.

Preparation of vaccine-coated feed pellets.

The vaccine-coated feed is prepared as follows: The vaccine is kept at room temperature (20°C) for 1 hour before use to allow the vaccine to become less viscous. If any separation occurs, the bottle is shaken vigorously until the separated layers are completely dispersed. The feed pellets are turned in a mixer, e.g. concrete mixer and the vaccine is slowly poured or sprayed directly onto the pellets. If a sprayer is used, it should be set to deliver a coarse spray without risk of aerosol particle generation and the spray container must be completely emptied during the mixing operation. The pellets are mixed for at least 2 minutes after all the vaccine has been added. The prepared feed is kept for 1 hour before feeding to allow the vaccine to impregnate the pellets completely.

The vaccine can be mixed with all or one part of the daily ration of feed. Vaccine treated feed should be used to complete the vaccine feeding regime within 19 days of being mixed with vaccine.

The time taken to achieve full effect of vaccination will depend on water temperature. In fish vaccinated by immersion 4.5 months previous to oral vaccination, vaccine efficacy was demonstrated under field conditions at water temperatures of 10°C, 21 days (210 degree days) after completion of the vaccine feeding protocol and protection was observed for the 3 month duration of the field trial.

Contra-indications, warnings, etc

Do not vaccinate fish at water temperatures below 5°C. Do not mix with any other vaccine. Do not re-vaccinate booster vaccinated fish. Do not vaccinate fish suspected of having Enteric Redmouth disease.

Only vaccinate healthy fish.

The safety and efficacy of AquaVac ERM Oral has only been demonstrated when the product was used after fish had been vaccinated with AquaVac ERM within the previous 4 to 6 months. In the absence of specific safety data, the vaccine should not be administered to broodstock.

No information is available on the interactions between AquaVac ERM Oral and any vaccine other than AquaVac ERM. It is therefore recommended that no other vaccine other than AquaVac ERM. It is therefore recommended that no other vaccine should be administered within 168 degree days (14 days at 12 C) before and after vaccination with AquaVac ERM Oral.

Do not mix with any other vaccine/immunological product. Do not re-vaccinate fish previously vaccinated with AquaVac ERM Oral.

For animal treatment only. Keep out of reach and sight of children.

Operator warnings

Wear rubber gloves when preparing and handling vaccine treated pellets

Protection against particle and droplet inhalation e.g. a dust mask, should be worn when spraying and mixing vaccine onto feed pellets.

Withdrawal Period

Zero days.

Pharmaceutical precautions

Store and transport at +2°C to +8°C. Do not freeze. Protect from light. Use entire contents when first opened.

Vaccine treated pellets should be stored at 20 ± 5°C in a dry, dark place and used within 19 days of being mixed with vaccine.

Any unused vaccine should be disposed of at the end of the day in accordance with national requirements. The vaccine is non-hazardous and may be discarded in a normal drainage system.

Legal category

POM-VPS

Packaging Quantities

1000ml

Further information

Nil.

Marketing authorisation number

Vm 00201/4195.