

## AquaVac ERM Vaccine

### Introduction



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### Presentation

Inactivated bacterial vaccine in an aqueous suspension containing not less than  $5 \times 10^9$  per ml inactivated cells of *Yersinia ruckeri* (Hagerman strain).

### Uses

This product is recommended for use in healthy rainbow trout 2 g and larger to reduce mortality due to Enteric Redmouth disease caused by the Hagerman Type I strain of *Yersinia ruckeri*.

### Dosage and administration

Immersion - Vaccination Method

1. Shake bottle well before use.
2. Dilute 1 litre of vaccine with 9 litres of clean hatchery water.
3. Drain and weigh a netful of fish and dip fish in the diluted vaccine for 30 seconds ensuring that fish are totally immersed in the vaccine.
4. After 30 seconds exposure lift net, allow to drain and return fish to holding tank.
5. Repeat until 100 kg of fish have been immersed using 1 litre of undiluted vaccine.
6. Spent vaccine is discarded after use.
7. When convenient, more than 1 litre of vaccine may be diluted in a single bath. In such cases the weight of fish which may be dipped will be 100 kg x the number of litres of vaccine used.

336 degree days are required for the development of full immunity (28 days at a water temperature of 12° C). The time for development of protective immunity will depend on water temperature. A duration of immunity of 78 days has been shown under laboratory conditions. Under field conditions, protection may be expected for at least 6 months.

A booster vaccination, administered 4 months after primary vaccination, may induce a better level of protection.

### Contra-indications, warnings, etc

The temperature of the water used to dilute the vaccine should not vary more than  $\pm 5^\circ\text{C}$  from the temperature of the water in the holding area.

Do not vaccinate at water temperatures below 5°C.

Do not vaccinate fish suspected of having Enteric Redmouth disease.

Do not use in fish intended as broodstock or to broodstock.

Do not administer any other vaccine within 168 degree days (14 days at 12 C) before or after vaccination with AquaVac™ ERM.

Do not mix with any other vaccine/immunological product.

Wear rubber gloves during all vaccination procedures.

#### *Withdrawal Period*

Zero days

**Pharmaceutical precautions**

On opening the container, dilute the contents immediately and do not store.

Do not mix with any other product..

Waste vaccine and vaccine containers should be disposed of in accordance with local requirements.

On opening the container, dilute the contents immediately, and do not store. Store at 2°C to 8°C in the dark. Do not freeze.

Keep out of reach and sight of children. For animal treatment only. Dispose of waste vaccine and vaccine containers in accordance with local requirements

**Legal category**

POM-VPS

**Packaging Quantities**

1000ml

**Further information**

Nil.

**Marketing authorisation number**

Vm 00201/4193.