

## Advantigen 5.1

### Formalin inactivated cultures of *Aeromonas salmonicida*, *Vibrio anguillarum* serotype 01 and 02, *Vibrio salmonicida*, *Moritella viscosa*

*Injection vaccine for salmon*

#### Importer

Maine Biotek Inc.  
259 Main Street, Winterport, Maine, 207-223-4662  
U.S. Vet. License No. 630A

#### Indication

Active immunization of salmon against Furunculosis caused by *Aeromonas salmonicida*, Vibriosis caused by *Vibrio anguillarum* serotype 01 and 02 and Cold Water Vibriosis caused by *Vibrio salmonicida*, and for reduction of mortality caused by Winter Sores due to *Moritella viscosa*

#### Dosage and Administration

For fish  $\geq 10g$ . Intraperitoneal injection with 0.1 mL per fish. The fish are to be sedated before the injection. The vaccination equipment shall be sterile before use. Shake the container well before use.

#### Contraindications

Vaccination shall only be performed on healthy fish. Fish shall not be vaccinated at temperatures lower than 1°C. Shall not be used if there are any signs of disease amongst the fish.

#### Withdrawal time

21 days. Fish butchered within 6 weeks after vaccination should be gutted.

#### Adverse reactions

Reduced appetite may be observed after vaccination. Local inflammation reactions in the abdominal cavity may cause coalescence and or pigmentation spots.

#### Precautions

Use entire contents when first opened

#### Specific warnings

Only healthy fish to be vaccinated. Shall not be used together with other treatment or medication that may have an immunosuppressive effect.

#### Precautions (for persons handling the preparation)

Self injection in humans must be avoided. Protective equipment should be used (needle guard, gloves), also automatic injection equipment may be used. If a person inadvertently vaccinates himself one must immediately contact the nearest surgery/hospital and present the package insert that has instructions for the physician.

#### Information for the physician:

Inadvertent injection with oil based vaccines may cause vascular spasms. In particular if a fingertip or tendon is involved it may be necessary to perform a rapid incision and thorough lavage of the injected area. Normally pain relieving treatment and/or anti inflammatory preparations will be sufficient.

#### Durability

Stable until the date given on the label. To be stored from 2-7°C. Do not freeze. Use the entire contents once the bottle has been opened

#### Package Specifications

500 mL polyethelene bottle, tube and spike

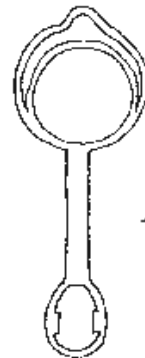
#### STEP 1

Gently shake bottle for 60 seconds



#### STEP 2

Attach plastic hanger to bottle



Place small ring around neck of bottle

Place large inner ring around bottom of bottle

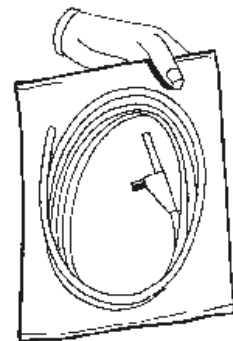


Use large outer ring to hang the bottle



#### STEP 3

Remove the tubing with spike from the plastic bag



#### STEP 4

Connect the free end of the tubing to the injection gun



#### STEP 5

Remove the sheath from the spike end of the tubing and insert the spike into the rubber stopper in the centre of the bottle cap. Open the vent port located on the side of the spike to ensure proper venting of the bottle. Hang the bottle.



#### STEP 6

Attach a needle to the injection gun, pump the gun a few times to draw the vaccine to the gun and expel the air in the line