



VIRSAL-E Vaccine

VIRSAL-E Vaccine is a live freeze-dried poultry vaccine for the active immunization of layers and breeders to reduce mortality, colonization, invasion and faecal excretion of *Salmonella* Enteritidis.

Dosage Form

Live freeze-dried vaccine.

Storage instructions

Store between 2°C and 8°C. Do not freeze. Protect from direct sunlight.

Composition

Each dose contains not less than 1×10^8 CFU live attenuated *Salmonella* Enteritidis MTR2 strain.

1000 dose vial: Each vial contains not less than $10^{11.0}$ CFU live *Salmonella* Enteritidis MTR2 strain.

2000 dose vial: Each vial contains not less than $10^{11.3}$ CFU live *Salmonella* Enteritidis MTR2 strain.

2500 dose vial: Each vial contains not less than $10^{11.4}$ CFU live *Salmonella* Enteritidis MTR2 strain.

4000 dose vial: Each vial contains not less than $10^{11.6}$ CFU live *Salmonella* Enteritidis MTR2 strain.

5000 dose vial: Each vial contains not less than $10^{11.7}$ CFU live *Salmonella* Enteritidis MTR2 strain.

Warnings

- Do not slaughter birds for human consumption within 21 days of vaccination.
- Do not vaccinate during laying period. Vaccination should be completed at least three weeks prior to the point of lay.
- Avoid exposure of the vaccine to direct sunlight and elevated temperatures.
- Keep out of reach of children, uninformed persons and animals.

- Although this vaccine has been extensively tested under a large variety of conditions, failure thereof may ensue as a result of a wide range of reasons. If this is suspected, seek veterinary advice and notify the registration holder.

Precautions For Use

- Antimicrobial drugs should not be administered for three days before or after immunization.
- Vaccinate only healthy birds.
- Dispose waste material by boiling, incinerating, or immersing in an appropriate disinfectant.
- Use gloves when administering the vaccine.
- Wash hands with antibacterial soap or disinfectant after handling the vaccine.
- In the event of accidental ingestion or injection, seek medical advice and show the physician this package insert. The vaccine strain is sensitive to quinolones.

Directions For Use- Use Only As Directed

Discontinue the use of medications or sanitizing agents in the drinking water 72 hours prior to vaccination. Do not resume for 72 hours after vaccination. Withhold drinking water for 1 to 2 hours prior to vaccination, depending on the temperature conditions.

Reconstitute the vaccine by adding the full contents of the vial to sufficient cool, non-chlorinated sterile water, which is free of antimicrobials. Determine the quantity of water required for the number of birds to be vaccinated.

The final solution containing the reconstituted vaccine should be consumed within 2 hours.

Add the diluted vaccine to the drinking water and mix thoroughly.

Resume regular water administration only after all the vaccinated water has been consumed.

Dosage

For administration via the drinking water. Use immediately after reconstitution.

Age	Layers	Breeders
1 day	+	+
5-7 weeks	+	+
12-13 weeks	+	-
16-20 weeks	-	+

Presentation

VIRSAL-E Vaccine is packed in glass vials with a grey chlorobutyl rubber stopper and a tear-off aluminium overseal.

The vaccine is available in vials containing 1000, 2000, 2500, 4000 and 5000 doses.

Ten vials are packed into a carton box.