

# vectormune® FP-LT

- **Laryngotracheitis**
- **Fowl Pox**

## APPROVED SPECIES

- Chickens

## VACCINE TYPE

- Live FP vector LT virus vaccine

## VACCINE CONSTRUCT

- Vector: Live Fowl Pox
- Two insert genes from Infectious Laryngotracheitis virus

## DISEASE PROTECTION

- Infectious Laryngotracheitis
- Fowl Pox

## ROUTE OF ADMINISTRATION

- Wing-web
- *In ovo* injection

## AGE OF ADMINISTRATION

- Wing-web: 1-week-old and older chickens
- *In ovo*: 18-day-old embryonated chicken eggs with wing-web booster at 7 days of age

## PACKAGING (PRODUCT CODE)

- 10 x 1,000 doses (B420H1US)
- 10 x 2,000 doses (B420I1US)
- 10 x 4,000 doses (B420K1US)

## VACCINE PRESENTATION

- Freeze-dried

## QUALITY

- Thoroughly tested for purity, sterility, potency, and safety, and compliant with all applicable USDA and Ceva standards.

## Key Advantages

- ILT protection without use of a conventional live LT vaccine
- No spreading of the vaccine strain in the environment, preventing vaccine-induced ILT outbreaks
- One-time administration at the hatchery saves labor and allows controlled application vs field vaccination
- No respiratory tract damage, eliminating post-vaccination respiratory reactions
- No rolling ILT respiratory reactions and secondary respiratory infections
- No live ILT virus in vaccine so latency, persistence, and shedding of ILTV does not occur following vaccination
- Compatible when used in a combination program with Vectormune HVT LT
- Provides protection against fowl pox equal to conventional FP vaccines

# VECTORMUNE® FP-LT

**FOWL POX -  
LARYNGOTRACHEITIS VACCINE**  
**Live Fowl Pox Vector**



## DESCRIPTION

VECTORMUNE® FP-LT is a genetically engineered live virus vaccine for the vaccination of chickens. The fowl pox vaccine has been modified to contain and express key protective laryngotracheitis virus antigens.

## STORAGE CONDITIONS

- Vaccine vials: Store in a cooler at 36 - 47°F (2 - 7°C)
- Diluent: Store at room temperature between 68 - 86°F (20 - 30°C) or 36 - 47°F (2 - 7°C)

## INDICATIONS

The vaccine is recommended for use in healthy one week old chicks or older or in 18-day-old embryonated chicken eggs followed by a boost vaccination at 7 days of age as an aid in the prevention of fowl pox and laryngotracheitis.

## VACCINE PREPARATION

Carefully read the directions before use. The instructions must be completely followed. Match the vaccine dose size to the proper diluent size and route of administration as follows:

1. For wing web vaccination of chickens at least one week of age: Mix 10 mL of the blue diluent for each 1000 doses of vaccine to administer 0.01 mL per chicken.
2. For *in ovo* vaccination of 18-day-old chicken embryos: Mix 100 mL of red diluent for each 1000 doses of vaccine to administer 0.1 mL per chicken embryo or mix 50 mL for each 1000 doses of vaccine to administer 0.05 mL per chicken embryo.

## WING WEB VACCINATION

1. Remove the seal and stopper from vaccine vial and diluent vial. Pour entire contents of diluent vial into vaccine vial, insert stopper, and shake well. The vaccine is ready for use and should be used within two hours.
2. Hold each individual bird and spread the wing with the underside facing up. Dip the two-pronged wing web applicator into the vaccine so that the grooves fill with liquid and deliver 0.01 mL per bird.
3. Insert the two-pronged applicator into the web portion of the wing avoiding blood vessels, muscle, and bone
4. Seven to ten days after vaccination, observe several chickens for evidence of "takes" that include swelling and/or scab formation at the site of injection.

## IN OVO VACCINATION

1. The vaccine is administered *in ovo* to 18-day-old embryonated chicken eggs. Read the egg injection system operator's manual before initiating vaccination. Failure to follow instructions may result in personal injury, excessive embryonic mortality and low hatchability or poor vaccine efficacy in the field. Inoculate each embryo with one full dose (0.05 mL or 0.1 mL).
2. Sanitize the egg injection system before and after use following the procedures described in the operator's manual.
3. Boost vaccination should be administered to chickens by the wing web route at seven days of age as described above.

## NOTICE

This vaccine has been thoroughly tested for safety, purity, potency, and sterility and is in compliance with all applicable USDA and Ceva standards.

## CAUTION

1. Read the above directions carefully.
2. Use vaccine within 2 hours after rehydration.
3. Do not vaccinate within 21 days before slaughter.
4. The vaccine contains gentamicin and amphotericin B as preservatives.
5. Burn containers and all unused contents.
6. Chickens receiving this vaccine must not have been previously vaccinated with a fowl pox vaccine.
7. The effect of combining this vaccine with other products is not known and could impact vaccine efficacy.



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Biomune Company

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