Description: *Salmonella* Typhimurium vaccine, live culture.

**Directions for use:** For vaccination by drinking water or spray. This vaccine is recommended for use at 1 day of age by spray. A second dose should be given at 14 days of age in the drinking water.

**Spray method:** Rehydrate the vaccine with cool, sterile, non-chlorinated water, which contains no antimicrobials, in an amount sufficient to vaccinate the required number of chickens according to the directions of the spray cabinet or sprayer manufacturer. Use 1000 doses for 1000 birds. Do not dilute. Wear a mask and gloves while handling the vaccine. Avoid breathing the aerosolized vaccine.

**Spray method:** Remove disinfectant, sanitizers and antimicrobials from the drinking water 24 hours prior to and after vaccination. Mix vaccine in clean water which contains no sanitizing agents or antimicrobials. Provide ample space for all birds to drink easily. Water containing vaccine should be consumed in 2 hours or less. To assure all birds drink, withhold water for one hour prior to vaccination.

This vaccine is recommended as an aid in the reduction of *Salmonella* Typhimurium, *Salmonella* Enteritidis and *Salmonella* Heidelberg colonization of the internal organs of young growing chickens and as an aid in the reduction of *Salmonella* Enteritidis colonization of the crop and digestive tract, including the ceca.

**Caution:** Store at 2°-7°C (35°-45°F). Do not freeze.

**Warning:** In case of accidental human injection seek immediate medical attention. Direct contact with the product should be avoided. If accidental human consumption occurs, flush the area with clean water and consult a doctor. Do not vaccinate within 21 days before slaughter. Contact Elanco with questions or concerns at 1-800-428-4441 or 1-888-545-5973.

**LISTNO:** LV: 5000-J  
LV: 5000-K

**FOR VETERINARY USE ONLY**

Further information: www.elanco.us