



Gallivac IB88NeO

**PROTECTS AGAINST STRAINS OF THE
793B VARIANT
OF INFECTIOUS BRONCHITIS AVIAN FROM
THE FIRST DAY OF LIFE!**

RECOMMENDED VACCINATION PROGRAM

- ❑ A spray vaccination from 1 day of age in broilers.
- ❑ It is recommended to include **Gallivac IB88 Neo** in a vaccination program in which there is also a live vaccine strain Massachusetts⁵⁻⁶⁻⁷
- ❑ Research shows that a vaccination protocol that involves the use of vaccines of different serotypes can provide broad protection against the wide variety of IBV strains.



Learn how to
prepare
and administer
**Gallivac
IB88 NeO**



Bibliografia:

1. Jackwood, M.V. & de Wit, J.J., 2013, Infectious Bronchitis. In: Swayne D.E., Glisson J.R., McDougald L.R., Nolan L.K., Suarez D.L., Nair V. editors, Diseases of Poultry 13th ed. (pp. 139-159). Wiley Blackwell, Hoboken NJ, USA.
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4. Data on file - Studio Italiano
5. Chhabra R., Forrester A., Lemiere S., Awad F., Chantrey J. & Ganapathy K., 2015, Mucosal, cellular and Humoral Immune Responses induced by Different live Infectious Bronchitis virus vaccination Regimes and protection conferred against Infectious Bronchitis virus Q1 strain, Clin. Vaccine Immunol., 22, 1050-1059.
6. Awad F., Forrester A., Bayliss M., Lemiere S. & Ganapathy K., 2015, Protection conferred by live infectious bronchitis vaccine viruses against Middle East IS/885/00-like and IS/1494/06-like isolates in commercial broiler chicks, Vet. Rec. open, 2, e000111. doi: 10.1136/vetreco-2014-000111
7. de Wit J., Prandini F., Jorna I., 2017, Efficiency of combination of Infectious Bronchitis vaccines including different Mass and 793B genotypes products against a D388 (QX) or Q1 challenge in commercial broilers and SPF layers, viral respiratory diseases, XXth World Poultry veterinary Congress, September, 4th-8th, Edinburgh, UK, PS21-03.

GALLIVAC IB88 NEO (Effervescent Tablet Live Vaccine against Infectious Bronchitis Caused by CR88-Group Variant Coronavirus) - In broiler chickens, from the age of 1 day: Active immunization against Infectious Bronchitis caused by the coronavirus variant of group CR88 to reduce the tracheal ciliostasis related to the development of clinical signs. **Dosage, routes and method of administration:** One dose of vaccine to be administered by nebulization from the age of 1 day. **Storage:** Store and transport refrigerated (2 - 8) °C. Protect from light. Do not freeze. Do not keep unused tablets after removal from the blister. **Precautions:** A vaccination does not replace the vaccination schedule against classical Infectious Bronchitis. Handle with care. Wear respiratory and eye protection conforming to current European standards. Do not use "fogger" - type sprayer. Hands should be washed and disinfected after vaccinating. Keep out of reach of children. For Animal Treatment only.

BOEHRINGER INGELHEIM ANIMAL HEALTH FRANCE SCS.

Gallivac IB88 NeO

Vaccine of the future

**Tablets that simplify Use for
vaccination against
infectious bronchitis**



Convenient



Eco-friendly



Sure



Efficient

FROM THE FIRST DAY OF LIFE



Boehringer
Ingelheim

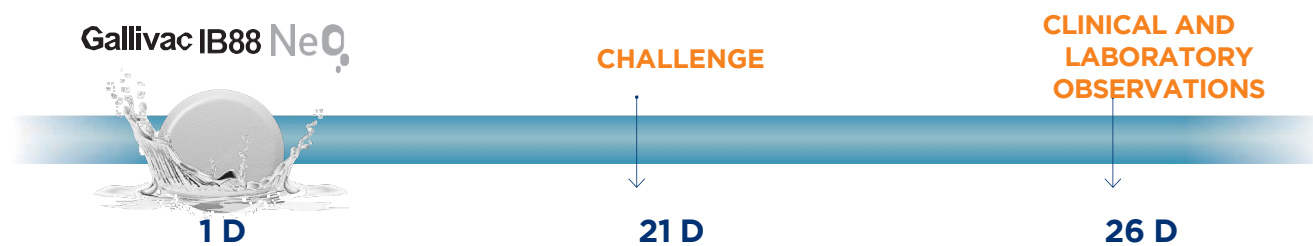
Avian Infectious Bronchitis

Avian infectious bronchitis (IB) is a highly contagious viral disease, widespread all over the world, which affects chickens of all ages and all types of production, caused by an avian coronavirus: Infectious Bronchitis virus (IBV). The different strains of IBV can mainly affect the respiratory, urinary or reproductive systems, resulting in reductions in production parameters and significant economic losses¹. Vaccination from the first day of life with **Gallivac IB88 NeO** promotes active immunization against the serotype **793B variant strain** of IBV and protects against clinical symptoms and decreased production performance.

GALLIVAC IB88 NeO

at 1 day of age provides high protection*
against respiratory symptoms induced by the variant strain 793B

Efficacy test in SPF broilers vaccinated **at 1 day of life with Gallivac IB88 NeO** and subjected to experimental infection with **variant strain 793B2**



RESPIRATORY SCORE	CONTROL	VACCINATED
0 = Absence of respiratory symptoms	30%	100%
1 = Mild/rare respiratory gasps	40%	0%
2 = Moderate/frequent respiratory gasps	10%	0%
3 = Evident/continuous respiratory rattles	20%	0%

NOT VACCINATED
70% with respiratory clinical signs

100% impaired ciliary activity at the level of the tracheal rings

Gallivac IB88 NeO
100% without respiratory clinical signs

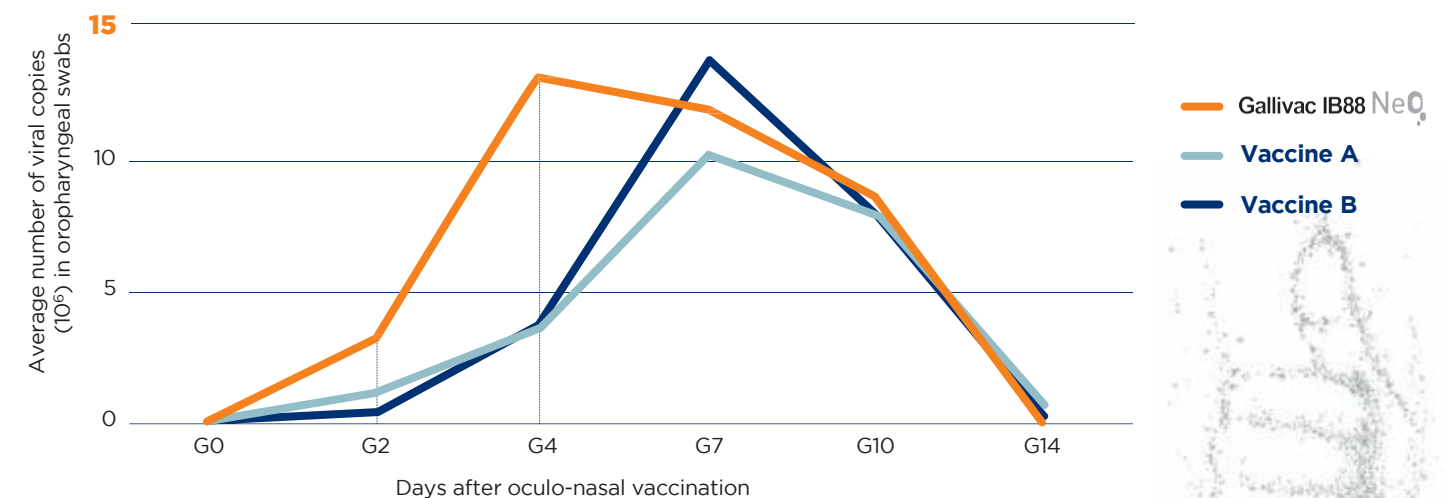
95% normal ciliary activity at the level of the tracheal rings

*high protection in line with the European Pharmacopoeia for live vaccines against avian infectious bronchitis (Mon 0442)

GALLIVAC IB88 NeO

early colonization of the upper respiratory tract in the presence of maternal antibodies

Demonstrated **replication of the vaccine strain** in the upper respiratory tract after vaccination with Gallivac IB88 NeO at 1 day of age in commercial broilers³



GALLIVAC IB88 NeO

protection for the entire production cycle

Gallivac IB88 Neo **persists in broilers over 45 days of age**, a feature in line with the other vaccines strain variant 793B against Avian infectious bronchitis⁴

FIELD STUDY: DETECTION OF GALLIVAC IB88 NEO IN SPRAY-VACCINATED BROILERS AT ONE DAY OF AGE

