

VAKSIMUNE®
NDL INAKTIF

THE RIGHT ARMOR AGAINST
NEWCASTLE DISEASE GENOTYPE VII

vaksindo

VAKSIMUNE®NDL Inaktif

Challenges & Our Commitment:

Poultry producers face challenges with Newcastle Disease (ND) outbreaks, including high mortality and disease severity caused by the panzootic ND Genotype VII strain, impact on egg production, and the need for high potency vaccines. Cross-protection among strains is not always effective, egg production drops despite reduced mortalities, and matching neutralization antibodies are required for optimal protection. Developing a high potency killed vaccine is crucial to address these challenges and protect poultry flocks effectively.

We understand the challenges poultry producers face in combating Newcastle Disease (ND) outbreaks and protecting egg production. Vaksimune NDL Inaktif, a solution designed to effectively address these challenges. It prevents mortalities caused by the highly virulent ND Genotype VII strain, controls viral spread within flocks, and maximizes productivity in layers and breeders. With Vaksimune NDL Inaktif, poultry producers can combat ND outbreaks, protect egg production, and optimize flock performance.

Features:

VAKSIMUNE® NDL Inaktif is an inactivated Newcastle Disease Genotype VII vaccin, formulated with an oil adjuvant.

Each dose contains: **Newcastle Disease Genotype VII > $10^{8.5}$ EID_{50}**

The vaccine is characterized by an excellent quality emulsion, ensures a high level of safety for the vaccinated birds.



Vaccination Strategy for breeder/layer:
4-6 weeks, 10-12 weeks, and 18 -20 weeks
**Further consultation with responsible veterinarian*

Vaccine Administration :
Vaccine can be administered via Intramuscular / subcutaneous injection

Packing size:
Available in 500 & 1000 Doses

Benefits of Vaksimune® NDL Inaktif

Strong Protection against Newcastle Disease

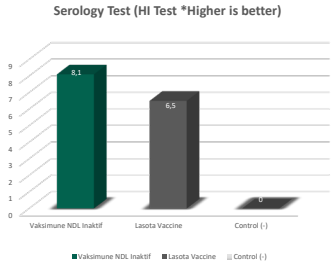
VAKSIMUNE® ND L Inaktif offers superior defense against highly virulent **ND Genotype VII**. By precisely matching the vaccine antigen with field challenges, it ensures robust protection, minimizing disease and mortalities.

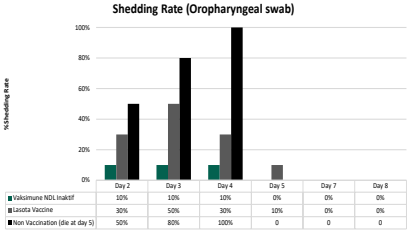
Ensures Optimal Egg Production

VAKSIMUNE® NDL Inaktif safeguards chickens during the high-stress egg production period by boosting high antibody titers, providing crucial protection when chickens are most vulnerable to Newcastle disease challenges

High Antigen Content for Optimal Efficacy

VAKSIMUNE® NDL Inaktif is formulated with a high antigen content, ensuring the vaccine's effectiveness in generating a strong immune response.





Higher Antibody Titer

The serological tests on the vaccinated group showed a significant increase in ND antibody titers. VAKSIMUNE® NDL Inaktif resulted in a higher HI serological titer of $2^{8.1}$ in 14 days post-vaccination compared to the regular Lasota Vaccine with a titer of $2^{6.5}$.

It is crucial to attain a higher titer to effectively prevent egg drop production. This highlights the advantages of using NDL Inaktif Vaccine, providing farmers with enhanced protection and benefits.

Lower Shedding Rate

Samples were collected from the oropharynx of chickens on days 2, 3, 4, 5, 7, and 8 after the challenged with VVND to monitor viral shedding. The results demonstrated that the group vaccinated with Vaksimune ND L Inaktif exhibited a significantly **lower shedding rate** compared to the group vaccinated with Lasota. On day 2, 3, and 4, the NDL Inaktif group had only a 10% shedding rate, while the Lasota group showed shedding rates of 30%, 50%, and 30% respectively on day 1, 2, and 4.

These findings highlight the superior effectiveness of Vaksimune ND L Inaktif in limiting viral shedding, thereby minimizing the spread of the virus within infected flocks and providing enhanced control over viral transmission.

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