

VAKSIMUNE®
NDL IBPlus

NEWCASTLE DISEASE GENOTYPE VII
TRIPLE IB (IB M41 + IB 771 + IB QX)

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VAKSIMUNE®NDL IBPlus

Challenges & Our Commitment:

Poultry producers faced with challenges posed by Newcastle Disease (ND) and Infectious Bronchitis (IB), each disease presenting distinct hurdles to maintaining flock health and optimizing productivity. ND's severe impact on mortality and egg production necessitates high potency vaccines, especially to counter the panzootic ND Genotype VII strain. IB complicates matters further with its multiple strains, including QX variant challenges by causing significant drops in egg production and quality.

The diversity of these diseases underscores the critical need for comprehensive vaccination strategies to ensure effective protection against the spectrum of pathogens threatening poultry operations.

Features:

VAKSIMUNE® NDL IBPlus is an inactivated Newcastle Disease Genotype VII vaccine and trivalent Infectious Bronchitis, formulated with an oil adjuvant.
Each dose contains:

Newcastle Disease Genotype VII > $10^{8.5}$ EID_{50}
Infectious Bronchitis M41 Strain > $10^{5.9}$ EID_{50}
Infectious Bronchitis 771 Strain > $10^{5.9}$ EID_{50}
Infectious Bronchitis QX Strain > $10^{5.9}$ EID_{50}



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 IBPlus

Broad Spectrum Protection

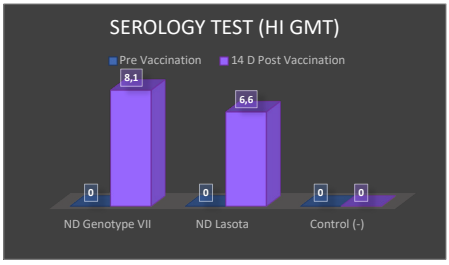
VAKSIMUNE® NDL IBPlus provides broad-spectrum protection against key poultry respiratory diseases, combining ND Genotype VII with important IB strains: M41, 771, and QX in one vaccine.

Matching Solution

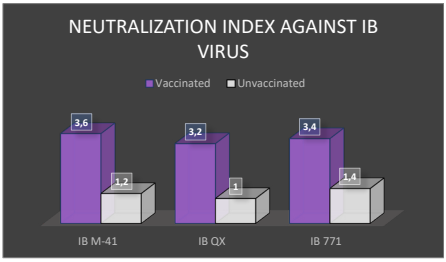
The vaccine combines GI-19 / QX strain, GI-13 / 771 strain, and GI-1 / Massachusetts strain, which are major Infectious Bronchitis strains known for their widespread prevalence and impact on poultry health.

High Antigen Content for Optimal Efficacy

VAKSIMUNE® NDL IBPlus is formulated with high antigen content to support strong immune response against ND and IB challenges, helping improve field protection and flock performance.



Newcastle Disease GVII vs Lasota Serology Test
An immunogenicity study conducted in Specific Pathogen Free (SPF) chickens demonstrated that VAKSIMUNE® NDL IBPlus induced a stronger antibody response against Newcastle Disease compared with a regular ND Lasota vaccine. At 14 days post-vaccination, the HI antibody titer reached 8.1 log2 in the NDL-IBPlus group, while the ND Lasota group reached 6.6 log2. As the study was performed under controlled SPF conditions without maternal antibody interference, the results reflect the vaccine's ability to stimulate humoral immunity.



Infectious Bronchitis Viral Netralization Test
An immunogenicity study conducted in Specific Pathogen Free (SPF) chickens demonstrated that VAKSIMUNE® NDL IBPlus induced strong neutralizing antibody responses against multiple Infectious Bronchitis (IB) strains. Two weeks post-vaccination, the vaccinated group achieved Neutralization Index (NI) values of 3.6 against IB M41, 3.2 against IB QX, and 3.4 against IB 771, while the unvaccinated group remained lower at 1.2, 1.0, and 1.4, respectively. All vaccinated groups exceeded the commonly accepted protective NI threshold of 2.0, indicating broad serological response against multiple IB strains under controlled SPF conditions.

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