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Vaksin Newcastle Disease (ND) Genotype 7 *Newcastle Disease (ND) Genotype 7 Vaccine*

Inventor : Risa Indriani dan Indi Dharmayanti
Balai Besar Penelitian Veteriner
Indonesian Research Center for Veterinary Science

Vaksin inaktif Newcastle Disease (ND) Genotype (G7) diformulasi dan disiapkan dari virus ND G7 Indonesia/GTT/11. Setiap dosis vaksin mengandung antigen yang diekpresikan dengan hemaglutinasi unit (HAU) dan diberikan pada umur ayam sedikitnya 2 minggu secara subkutan/intra muskuler.

Keunggulan dari Vaksin inaktif ND Genotype 7 dapat diaplikasikan pada ayam ras komersial dan buras dalam peternakan, sehingga ayam yang divaksinasi mendapat perlindungan dari gejala penyakit ND, kematian, dan tumpahan virus ketika ayam terinfeksi virus ND genotipe 7 saat dilapang. Manfaat dari Ayam yang mendapat vaksin inaktif ND Genotype 7 ini, akan mendapatkan kekebalan dari infeksi/paparan virus ND generasi terbaru (genotipe 7), sehingga dapat mengontrol epidemik ND saat ini di Indonesia. Selain itu meningkatkan kesehatan ayam dalam rangka peningkatan kebutuhan akan protein hewan khususnya ayam/unggas di Indonesia.

The genotype 7 is the latest generation of ND in Indonesia that cause serious disease to chicken. The ND Genotype 7 vaccine is an inactivated form formulated and developed from the ND G7 Indonesia/GTT/11 virus. Every drop of this vaccine contains antigen that can be expressed through hemagglutination unit (HAU). It is given subcutaneously to chick of two weeks old at minimum. The ND genotype 7 vaccine can be applied to chicken of commercial as well as local race. Treated chickens are protected from ND disease, minimizing the mortality and disease endemic of ND genotype 7 in the cage for poultry.

The advantage of vaccinating chickens with inactive vaccine of ND genotype 7 is the increase of chicken immunity to the latest genotype of ND. Nationally, the wide adoption of this vaccine will control the possible epidemic of ND genotype 7. Consequently, the need for chicken meat in particular can be met through the vaccination effort.