



Penulis : Hari Subagyo  
Fakultas : Kedokteran Hewan  
Program Studi : Ked. Hewan  
IPK : 3.00

Pembimbing I : Emy Koestanti Sabdoningrum, M.Kes., drh.  
Pembimbing II : Prof. Dr. Rahayu Ernawati, MSc., drh.

## **Evaluasi tingkat kekebalan dan protektivitas ayam setelah divaksin ND inaktif lentogenik dan velogenik isolat lokal**

### **Abstrak :**

*This research have a purpose to measure invulnerability and protectivity level of chicken after vaccination ND inactive vaccine of lentogenic and velogenik strain from local isolate, and then comparing between both of vaccine which one who better as an inactive vaccine. This research use 30 chick and then divided become 3 groups. Each of group have 10 chicks group members, there are P1 ( vaccination with lentogenic strain), P2 ( vaccination with velogenic strain), K (NaCl fisiologis). Variable of this research are measuring antibody titration with HI test and protectivity level of chicken with challenge test. The result of this research is indicated that group of chickens who vaccination with lentogenic and velogenic inactive vaccine is have the same level for antibody titration, but the challege test are indicated that protectivity level of chickens who vaccination with velogenic inactive vaccine has better than protectivity level of chickens who vaccination with lentogenic inactive vaccine. With the result that viruses ND velogenic strain is better be used as an inactive vaccine than lentogenic strain of viruses ND from local isolate.*