

**ANTIBODY TITRES IN THE SHEEP WHICH WERE IMMUNATED  
ANTIGEN OF *WHOLE* PROTEIN FROM THIRD  
INSTAR LARVAE *Musca domestica***

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**ABSTRACT**

This research aimed to know antibody titres in the sheep which were injected antigen of *whole* protein from third instar larvae *Musca domestica* by *Enzyme-Linked Immunosorbent Assay* (ELISA), that giving the antigen could cause increasing antibody titres in the sheep. A male sheep about two years old were immunated with *whole* protein from larvae *Musca domestica* which was added *Freund's Complete Adjuvant* and done three times injection again (booster) with range of time once-two weeks and addition of *Freund's Incomplete Adjuvant*. Taking sheep blood before and after immunitation was done to get serum as composition of ELISA test. Data which were got in this research, tabulated with descriptive analysis. The result of this research showed that there was a little of increasing antibody titres. The most titres at booster 1, then gradually had drastic decreasing. Based on the result of ELISA test can be concluded that antigen of *whole* protein from larvae *Musca domestica* can't stimulate immune response in the sheep.

**Key Words:** *Musca domestica*, antibody titres, antigen, *whole* protein, ELISA