IN VIVO TEST OF *Rhipicephalus sanguineus* TICK ADULT STAGE IN RABBIT IMMUNIZED WITH WHOLE PROTEIN OF *Rhipicephalus sanguineus* ADULT STAGE

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**ABSTRACT**

This research aims to determine the adult stage development of *Rhipicephalus sanguineus* tick infested in immunized rabbit with whole protein *Rhipicephalus sanguineus*. *Rhipicephalus sanguineus* is a primary parasite to transmit agent of disease. Immunization wished to have capacity to control animal tick infestation. The first group, the adult stage of *Rhipicephalus sanguineus* was infested to rabbit which were immunized with the adult stage of whole protein *Rhipicephalus sanguineus*. The second group, the adult stage of *Rhipicephalus sanguineus* was infested to rabbit which were not immunized with the adult stage of whole protein *Rhipicephalus sanguineus*. The results showed *Rhipicephalus sanguineus* this infected immunized rabbit was died, whereas the second group *Rhipicephalus sanguineus* could by survived to generate egg then they become 600 to 900 larvae.

**Keywords**: *Rhipicephalus sanguineus*, whole protein, immunization.