

**TICK INFESTATION *Rhipicephalus sanguineus* IN DOGS ON K-9
ANIMAL UNIT OF DIRECTORATE SAMAPTA BHAYANGKARA
EAST JAVA REGIONAL POLICE**

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ABSTRACT

The research aimed to identify the pattern and level of infestation *Rhipicephalus sanguineus* tick in dogs by these following parameters: dog's breed and body regions of the dog's. Three out of twenty seven dogs in K-9 Animal Unit Of Directorate Samapta Bhayangkara East Java Regional Police were infested by ticks. The ticks collected from the dog's body then put into pots containing 70% alcohol and then labeled. The label consisted of dog's breeds, sex, and body's region then identified by *R. sanguineus* ticks stage. The data was collected and then analyzed using *Correspondance Analytic*. The result showed the following pattern of ticks infestation: Labrador Retriever were infested in the head-neck region and German Shepherd in the head-neck and back region. A lot of the nymph stage were found in the head-neck region meanwhile the adult stage were found in the back region. The prevalence of dogs infested by ticks were 11% of the population. The degree of infestation of tick *R. sanguineus* in dogs based on each regiones of the dog's body, the lowest is on the head-neck, whereas the highest degree of infestation is on a back area with a total of 21 ticks of nymph and adult stage.

Key words : *Rhipicephalus sanguineus*, Tick infestation, Dog.