

AKTIVITAS ANTI-*Mycobacterium tuberculosis* EKSTRAK HERBA SAMBILOTO  
(*Andrographis paniculata* Nees) DAN ANDROGRAPHOLIDE SECARA IN VITRO  
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**ABSTRACT**

Ness herbs is a natural sources showed many benefits, such as to cure the infection, diarrhea, fever, herpes, sore throat and other infectious diseases. The aim of this research is to determine anti-*Mycobacterium tuberculosis* (*Mycobacterium tuberculosis* H37RV ATCC 27294) activity based on the value of Minimum Inhibitory Concentration (MIC) from ethanolic extract *Andrographis paniculata* Ness and andrographolide. The anti-*Mycobacterium tuberculosis* activity was carried out by agar dilution method. The results showed that ethanolic extract *Andrographis paniculata* Ness herbs had anti-*Mycobacterium tuberculosis* activity with Minimum Inhibitory Concentration (MIC)  $8,0 \times 10^{-7}$  ppm. While andrographolide had no anti-*Mycobacterium tuberculosis* activity at the same concentration in extract.

**Key words:** *Andrographis paniculata* Ness, Andrographolide, Agar dilution method, Ethanolic extract, Anti-*Mycobacterium tuberculosis* activity.