

**ANTIBACTERIAL TEST OF RUMBIA ROOT (*Metroxylon sagu* Rottb.)
DECOCTION AGAINST BACTERIA *Salmonella pullorum***

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ABSTRACT

The rumbia root (*Metroxylon sagu* Rottb.) was known have several active substances such as flavanoids, alkaloids, saponins and tanins, which are potential as antimicrobial agents. The aim of this research is to prove the effectivity of rumbia roots decoction as an antimicrobial against *Salmonella pullorum* in vitro. Dilution method with four concentrations dan two controls was used in this research to determine Minimum Inhibitory Concentration (MIC) and continued by streaking on *Salmonella Shigella Agar* (SSA) to determine Minimum Bactericide Concentration (MBC). The treatment used were : 100%, 75%, 50%, 25%, control negative and control positive which used antibiotic Ampicilin, each treatment repeted with 4 repetitions respectively. The obtained data showed that the rumbia roots decoction has an antimicrobial effect to *Salmonella pullorum* with the Minimum Bactericide Concentration (MBC) is 50%.

Key words : rumbia, antibacteria, *Salmonella pullorum*