

**ANTIBACTERIAL POTENTIAL EXTRACT MENIRAN PLANT
(*Phyllanthus niruri*L) AND CIPROFLOXACIN TO *Escherichia coli* FIELD
ISOLATED IN VITRO**

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ABSTRACT

The aim of this research was to compare antibacterial potential extract meniran (*Phyllanthus niruri* L) and *Ciprofloxacin* to *Escherichia coli* field isolated *in vitro*. The method as used in this research was dilution method. *Minimum Inhibitory Concentration (MIC)* was using to see the inhibition potential of *Escherichia coli* and *Minimum Bactericide Concentration (MBC)* was using to see the potential to kill *Escherichia coli*. This research used 9 treatments with 4 replications. Extracts meniran used concentration 20%; 17.5%; 15%; 12.5%; 10%; 7.5%; 5% and *Ciprofloxacin* used concentration 0.1 μ l, 0.5 μ l, 1 μ l, 2 μ l, 3 μ l, 4 μ l, 5 μ l. This research showed that 10% concentration of extract meniran and 4 μ l of *Ciprofloxacin* could kill *Escherichia coli* field isolated. This research showed that there was not significant difference between extract meniran and *Ciprofloxacin*.

Key words :*Escherichia coli*, Extract Meniran, *Ciprofloxacin*.