

**UJI DAYA HAMBAT EKSTRAK DAUN SAGA (*Abrus precatorius L.*)
TERHADAP PERTUMBUHAN BAKTERI *Staphylococcus aureus***

KARYA TULIS ILMIAH

Disusun Untuk Melengkapi Tugas-Tugas dan Memenuhi Syarat-Syarat Untuk
Mencapai Jenjang Pendidikan Diploma III Analis Kesehatan

Oleh :

**Siti Dhawiyah
20118118**



**PROGRAM STUDI DIII ANALIS KESEHATAN
STIKES BAKTI TUNAS HUSADA
TASIKMALAYA
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ABSTRACT

Infectious diseases are diseases that are widely suffered by residents in developing countries, including Indonesia. *Staphylococcus aureus* bacteria is one of the causes of infectious diseases. The most common treatment of infection is with antibiotic therapy. If antibiotics are not consumed rationally it will lead to antibiotic resistance. Saga leaves are known as medicinal plants that contain antibacterial substances namely flavonoids, saponins, alkaloids, and steroids. The purpose of this study was to determine the influence of saga leaf concentration (*Abrus precatorius* L.) on the growth of *Staphylococcus aureus* bacteria. The sample in this study was saga leaves (*Abrus precatorius* L.) extracted with 70% ethanol solvents made variations in concentrations of 10, 20, 30, 40, 50, 60, 70, 80, 90, and 100%. The tasteless power test was conducted by Kirby Bauer disc diffusion method with three repetitions. The positive control used is novobiocin while the negative control is sterile aquades. The results showed that the minimum tasteless concentration of saga leaves was 30% with an average diameter of 1.30 mm. The conclusion obtained from this study is that saga leaf ethanol extract can inhibit the growth of *Staphylococcus aureus* bacteria.

Kata kunci : *Staphylococcus aureus*, Daun Saga, *Abrus precatorius* L., Uji Daya Hambat

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