

INTISARI

Mila Ayu Suryani. NIM 1191037. Uji Aktivitas Antibakteri Berbagai Merek Deodoran *Roll On* Terhadap Bakteri *Staphylococcus aureus*

Deodoran merupakan produk yang digunakan untuk mengatasi bau badan yang disebabkan oleh keringat yang bercampur dengan bakteri, bau badan terjadi karena kurangnya menjaga kebersihan terutama pada daerah kulit. Deodoran *roll on* banyak diminati masyarakat karena dinilai lebih praktis. Tujuan penelitian ini adalah untuk mengetahui hasil uji aktivitas antibakteri berbagai merek deodoran *roll on* terhadap *Staphylococcus aureus*. Desain yang digunakan dalam penelitian ini adalah deskriptif dengan menggunakan teknik sampling yaitu *quota sampling*. Penelitian ini dilakukan di Laboratorium Mikrobiologi STIKES Nasional pada bulan Maret 2022. Sampel penelitian ini adalah berbagai merek deodoran *roll on* yang didapatkan di beberapa supermarket Solo baru. Uji Aktivitas Antibakteri dilakukan dengan metode *Kirby bauer*, menggunakan media *Mueller Hinton Agar*. Hasil penelitian sebanyak 7 sampel dan pengulangan sebanyak 3 kali menunjukkan semua deodoran *roll on* mampu menghambat bakteri *Staphylococcus aureus* dengan hasil rata-rata seluruh sampel 7,46 mm. Hasil control negatif tidak mampu menghambat bakteri. Data digambarkan dalam tabel hasil.

Kata Kunci: Antibakteri deodoran *roll on*, *Staphylococcus aureus*

ABSTRACT

Mila Ayu Suryani. NIM 1191037. Antibacterial Activity Test of Various Brands of *Roll On* Deodorants Against *Staphylococcus aureus*

Deodorant is a product used to treat body odor caused by sweat mixed with bacteria, body odor occurs due to lack of hygiene, especially in the skin area. *Roll-on* deodorants are in great demand by the public because they are considered more practical. The purpose of this study was to determine the results of antibacterial activity tests of various brands of roll-on deodorants against *Staphylococcus aureus*. The design used in this research is descriptive by using a sampling technique, namely quota sampling. This research was conducted at the National STIKES Microbiology Laboratory in March 2022. The samples of this research were various brands of roll-on deodorants that were obtained in several supermarkets in New Solo. The antibacterial activity test was carried out using the Kirby Bauer method, using *Mueller Hinton Agar* media.

The results of the study as many as 7 samples and 3 repetitions showed that all roll-on deodorants were able to inhibit *Staphylococcus aureus* bacteria with an average yield of 7.46 mm for all samples. The results of the negative control were not able to inhibit bacteria. The data are depicted in the results table.

Keywords: Antibacterial *Roll On Deodorant*, *Staphylococcus aureus*