

## EFEKTIFITAS EKSTRAK HERBAL TERHADAP PROSES PENYEMBUHAN KELINCI YANG TERINFEKSI KOKSIDIOSIS

<b>Title</b>	EFEKTIFITAS EKSTRAK HERBAL TERHADAP PROSES PENYEMBUHAN KELINCI YANG TERINFEKSI KOKSIDIOSIS
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<b>Accreditation</b>	
<b>Abstract</b>	<p>Background. Coccidiosis in rabbits, caused by the parasite <i>Eimeria</i> sp., inflicts gastrointestinal problems mainly diarrhea and gastrointestinal bleeding. This study aims to research about the effectiveness of herbal extracts combination (garlic, papaya seeds, and banana stems) in the recovery process of rabbits infected with coccidiosis, seen from the large number of platelets, fibrinogen, and whether there is an increase in body weight. Materials and methods. A total of 24 Rex breed rabbits weighing <math>\bar{X} \pm 600 \text{--} 700</math> grams, identified as having coccidiosis, were monitored for four weeks using individual cage system and given a combination of regular food and herbal extracts of 0, 20, 40, 60, and 100 mg. The study was conducted in a completely randomized design using 5 treatments and 4 replications. Each herb was extracted using the maceration method. The Rabbits' number of platelets, fibrinogen and body weight were taken as a data and analyzed for variance. Results. The results for the addition of the herbal extracts showed different result for each data category. For the number of platelets, the highest average was <math>523.25 \pm 76.05 \times 10^3/\mu\text{L}</math> at the dose of 60 mg and the lowest was <math>329.00 \pm 276.48 \times 10^3/\mu\text{L}</math> at a dose of 20 mg. For Fibrinogen the highest and lowest averages were <math>0.35 \pm 0.24 \text{ g/dL}</math> and <math>0.18 \pm 0.05 \text{ g/dL}</math>, namely at doses of 60 mg and 100 mg. For the average body weight the highest average was obtained at a dose 20 mg of a combination of herbal extracts, namely <math>744.56 \pm 45.15 \text{ g/head}</math>. Conclusion. Giving a combination of garlic herbal extracts, papaya seeds, and banana stems to rabbits infected with coccidiosis does not effectively improve the healing process.</p>
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