

**PENGARUH EKSTRAK ETANOL DAUN SUKUN (*Artocarpus altilis*)
TERHADAP PENURUNAN KADAR ASAM URAT MENCIT PUTIH
JANTAN (*Mus musculus.L*) GALUR SWISS WEBSTER
YANG DIINDUKSI KALIUM OKSONAT**

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ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh ekstrak etanol daun sukun (*Artocarpus altilis*) terhadap penurunan kadar asam urat mencit putih jantan (*Mus musculus.L*) galur swiss webster. Jenis penelitian adalah eksperimental menggunakan Rancangan Acak Lengkap (RAL) dengan 6 kelompok: (i) Kelompok K-, Kontrol negatif, (ii) Kelompok K+, Kontrol positif diinduksi kalium oksonat 250mg/Kg BB, (iii) Kelompok P1, kalium oksonat 250 mg/Kg dan pemberian allopurinol 13 mg/Kg, (iv) Kelompok P2, kalium oksonat 250 mg/Kg dan EEDS 3 mg/20 gram BB, (v) Kelompok P3, kalium oksonat 250 mg/Kg dan EEDS 6 mg/20 gram BB, (vi) Kelompok P4, kalium oksonat 250 mg/Kg dan EEDS 12 mg/20 gram BB. Pengamatan dilakukan pada hari ke 0, 3, 6, 9, 12, 15, 18, dan 21. Data kadar Asam Urat yang diperoleh dianalisis menggunakan uji ANAVA dua arah dan dilanjutkan dengan uji analisis Tukey taraf 5% menggunakan SPSS 21.0. Hasil penelitian menunjukkan bahwa EEDS dapat dosis menurunkan kadar asam urat darah mencit. Dosis EEDS 3 mg/20 grBB, 6 mg/20 grBB dan 12 mg/20 grBB yang dapat menurunkan kadar asam urat

Kata Kunci : Daun Sukun (*Artocarpus altilis*), Mencit Putih (*Mus musculus.L*), Asam Urat, Kalium Oksonat.

**Effect of Ethanol Extract Breadfruit leaves (*Artocarpus altilis*)
Against Reductions of Uric Acid Level of White Male
Mice(*Mus musculus.L*) Strain of Swiss Webster
the Potash Oxonate-induced**

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ABSTRACT

This study was conducted in order to find out how the effect of breadfruit leaves ethanol extract (*Artocarpus altilis*) to decrease uric acid levels of white male mice (*Mus musculus.L*) swiss webster strain. The type of research was experimental using Completely Randomized Design (RAL) with a design group control design. This study used male mice (*Mus musculus.L*) webmaster swiss lines of 30 tails divided into 6 groups at random. (i) Group K-, negative control. Not Uric Acid (ii) Group K +, positive controls induced potassium oxonate with 250mg / 20 gram dose of BB, (iii) Group P1, administration of allopurinol 13 mg / Kg BB, (iv) Group P2, giving 3 mg / 20 gram dose extract of BB, (v) Group P3, giving of extract dose 6 mg / 20 gram BB, (vi) Group P4, giving of dose extract 12 mg / 20 gram BB. Conditions High levels of Uric Acid were obtained by the induction of potassium oxonate dose 250 mg / gram BB done orally. Measurements of KAU (Uric Acid Content) were performed using the GCU Easy Touch digital apparatus two days after induction of potassium oxonate. Analyze done on days 0, 3, 6, 9, 12, 15, 18 and day 21 and also performed the measurement of body weight mice. The data of arcid level was analyzed using ANAVA test two way and be continoved by 5% tukey analysis test using SPSS 21.0. The result of experiment show that EEDS can descrease urid arcid level of white male mice 3 mg/20 grBB, 6 mg/20 grBB, and 12 mg/20 grBB of EEDS dosuge can descrease the urid acid level.

Keywords: Breadfruit leave (*Artocarpus altilis*), White Male Mice (*Mus musculus.L*), Uric Acid, Potassium Oxonate.

