ABSTRAK
Pengaruh ekstrak kulit buah garcinia dioica terhadap kadar trigliserida pada darah tikus strain wistar yang diberi asupan lemak berlebih = The effect of skin extract from garcinia dioica fruit on triglyceride level in rat s blood wistar strain that were given excess fat intake

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Abstrak

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Penyakit jantung adalah penyebab no. 1 kematian di Indonesia. Salah satu masalah utama dalam penyakit jantung adalah hipertrigliseridemia. Ekstrak kulit buah Garcinia dioica dapat menjadi salah satu terapi alternatif bagi peningkatan kadar trigliserida. Penelitian ini dilakukan secara eksperimen desain paralel dengan metode matching. Ada 5 kelompok uji, tikus normal, tikus dengan kelebihan asupan lemak, dan pemberian 3 dosis yang berbeda dari ekstrak. Tikus diinduksi dengan kadar trigliserida yang tinggi. Sampel darah diambil di laboratorium setelah 21 hari pada tikus dengan lemak tinggi dan tanpa asupan lemak, dan 3 dosis ekstrak diambil setelah 21 hari kemudian. Hasil dari percobaannya yaitu: (1) tikus normal (29,6), (2) tikus dengan kelebihan asupan lemak (36,4), (3) 10 mg (66,2), (4) 20 mg (72,9) dan (5) 30 mg (67,6). Hasil dianalisis dengan uji T untuk tikus normal dan tikus yang diberi asupan lemak lebih dan hasilnya adalah p = 0,255. 3 dosis hasil Garcinia dianalisis dengan One Way ANOVA-dan hasilnya adalah p = 0,947. Pemberian ekstrak Garcinia dioica strain Wistar tidak menurunkan kadar trigliserida secara signifikan.
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ABSTRACT
Cardiovascular disease is the no. 1 cause of death in Indonesia. One of the main problem in cardiovascular disease is hypertriglyceridemia. Garcinia dioica skin extract can be an alternative therapy for elevated triglyceride levels. The research was carried out experimentally the parallel design with matching methods. There are 5 test group; normal rat, rat with excess fat intake, and the administration of 3 different doses of the extract. The rat was inducted with high trigygliceride orally. Blood samples were taken in the laboratory after 21 days on the rat with and without fat intake, and 3 doses of the extract were taken after the next 21 days. The results of each treatment are: (1) normal rat (29.6), (2) rat with excess fat intake (36.4), (3) 10 mg (66.2), (4) 20 mg (72.9) and (5) 30 mg (67.6). The results were analysed with T test for normal rat and rat that were given excess fat intake and the result is p = 0.255. 3 dose of garcinia results were analysed with One-Way ANOVA and the result is p= 0.947. The administration of extract of Garcinia dioica Wistar strain does not lower triglyceride levels significantly.;Cardiovascular disease is the no. 1 cause of death in Indonesia. One of the main problem in cardiovascular disease is hypertriglyceridemia. Garcinia dioica skin extract can be an alternative therapy for elevated triglyceride levels. The research was carried out experimentally the parallel design with matching methods. There are 5 test group; normal rat, rat with excess fat intake, and the administration of 3 different doses of the extract. The rat was inducted with high trigygliceride orally. Blood samples were taken in the laboratory after 21 days on the rat with and without fat intake, and 3 doses of the extract were taken after the next 21 days. The results of each treatment are: (1) normal rat (29.6), (2) rat with excess fat intake (36.4), (3) 10 mg (66.2), (4) 20 mg (72.9) and (5) 30 mg

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