

ABSTRAK

Pada penelitian ini dilakukan uji ekstrak etanol campuran rimpang temulawak (*Curcuma xanthorrhiza* Roxb), daun jati belanda (*Guazuma ulmifolia* Lamk) dan daun kemuning (*Murraya paniculata*[L.] Jack) terhadap kadar kolesterol total, HDL dan LDL kolesterol pada tikus hiperkolesterolemia akibat induksi minyak babi. Penelitian ini bertujuan mengetahui efek ekstrak etanol campuran rimpang temulawak (*Curcuma xanthorrhiza* Roxb), daun jati belanda (*Guazuma ulmifolia* Lamk) dan daun kemuning (*Murraya paniculata* [L.] Jack) dalam menurunkan kadar kolesterol darah. Penelitian ini menggunakan 30 ekor tikus putih jantan hiperkolesterolemia oleh induksi minyak babi 10 ml/kg BB / hari per oral selama 15 hari. Tikus putih jantan dikelompokkan menjadi 3 kelompok. Kelompok kontrol diberi air suling 10 ml/kg BB/hari per oral selama 15 hari, kelompok pembanding diberi suspensi gemfibrozil 0,27% 10 ml/kg BB/hari per oral selama 15 hari dan kelompok uji diberi ekstrak etanol campuran rimpang temulawak (*Curcuma xanthorrhiza* Roxb), daun jati belanda (*Guazuma ulmifolia* Lamk) dan daun kemuning (*Murraya paniculata* [L.] Jack) 0,19g /kg BB/hari per oral selama 15 hari. Hasil yang diperoleh menunjukkan bahwa ekstrak etanol campuran rimpang temulawak (*Curcuma xanthorrhiza* Roxb), daun jati belanda (*Guazuma ulmifolia* Lamk) dan daun kemuning (*Murraya paniculata* [L.] Jack) mampu menurunkan kadar kolesterol darah tikus putih jantan hiperkolesterolemia.

ABSTRACT

In this research to be doing the extract of ethanol together finger-shaped tuber of *Curcuma paniculata* Roxb., *Guazuma ulmifolia* Lamk. Leaves and *Murraya paniculata* [L.] Jack leaves into the value of totally cholesterol, HDL and LDL cholesterol for white male rats of hypercholesterolemia to be caused by pig oil induction. This research have an advantage to know the effect of the extract of ethanol together finger-shaped tuber of *Curcuma xanthorrhiza* Roxb., *Guazuma ulmifolia* Lamk leaves and *Murraya paniculata* [L.] Jack leaves for decrease the blood value of cholesterol. This research are uses 30 tails a white male rats of hypercholesterolemia by pig oil induction for 10 ml/kg weight body/day oral administration for 15 days. White male of rats to be classified to become 3 groups. The control group are given by aquadest for 10 ml/kg weight body/day oral administration for 15 days, the equal group are given by gemfibrozil suspension 0,27% for 10ml / kg weight body / day oral administration for 15 days and the test group are given by the extract of ethanol together finger - shaped tuber of *Curcuma xanthorrhiza* Roxb., *Guazuma ulmifolia* Lamk leaves and *Murraya paniculata* [L.] Jack leaves 0,19g / kg weight body / day oral administration for 15 days. The results to be have to show that the extract of ethanol together finger-shaped tuber of *Curcuma xanthorrhiza* Roxb., *Guazuma ulmifolia* Lamk. leaves and *Murraya paniculata* [L.] Jack leaves 0,19g/kg weight body/day oral administration could be decrease the value of the blood cholesterol white male of rats of hypercholesterolemia.