

ABSTRAK

PENGARUH PEMBERIAN EKSTRAK DAUN BINAHONG DALAM AIR MINUM TERHADAP KADAR *HIGH DENSITY* *LIPOPROTEIN* DAN *LOW DENSITY LIPOPROTEIN* AYAM KAMPUNG

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Penelitian ini bertujuan untuk mengetahui pengaruh pemberian ekstrak daun binahong (*Anredera cordifolia* (Ten.) Steenis) terhadap kadar *high density lipoprotein* (HDL) dan *low density lipoprotein* (LDL) darah ayam kampung jantan. Penelitian ini dilaksanakan pada September 2024 sampai November 2024 di Kandang Laboratorium Lapang Terpadu, Fakultas Pertanian, Universitas Lampung. Analisis Sampel darah dilaksanakan di Laboratorium Pramitra Biolab Indonesia, Bandar Lampung. Penelitian ini menggunakan Rancangan Acak Lengkap (RAL) dengan 5 perlakuan dan 3 ulangan. Perlakuannya adalah P0: Air minum tanpa ekstrak daun binahong (kontrol), P1: Air minum dengan 150 mg ekstrak daun binahong /kg berat tubuh/hari, P2: Air minum dengan 200 mg ekstrak daun binahong /kg berat tubuh/hari, P3: Air minum dengan 250 mg ekstrak daun binahong /kg berat tubuh/hari, dan P4: Air minum dengan 300 mg ekstrak daun binahong /kg berat tubuh/hari. Data yang diperoleh dianalisis secara deskriptif. Hasil penelitian menunjukkan bahwa nilai rata-rata kadar LDL ayam KUB yang diberi ekstrak daun binahong (*Anredera cordifolia* (Ten.) Steenis) berkisar antara 21,33--35,33 mg/dl, dan nilai rata-rata kadar HDL ayam KUB yang diberi ekstrak daun binahong (*Anredera cordifolia* (Ten.) Steenis) berkisar antara 67,00--81,33 mg/dl. Kesimpulannya bahwa pemberian ekstrak daun binahong dalam air minum terhadap kadar HDL menunjukkan hasil di atas normal dan LDL masih dalam kondisi normal.

Kata kunci : Ayam Kampung, Ekstrak daun Binahong, darah, *high density lipoprotein* (HDL), *low density lipoprotein* (LDL).

ABSTRACT

INFLUENCE OF BINAHONG FLOWER EXTRACT IN DRINKING WATER ON HIGH DENSITY LIPOPROTEIN AND LOW DENSITY LIPOPROTEIN CONCERNS OF NATIVE CHICKENS

By

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This study aims to determine the effect of giving binahong (*Anredera cordifolia* (ten.) steenis) leaf extract on high density lipoprotein (HDL) and low density lipoprotein (LDL) levels in the blood of male native chickens. This research was conducted from September 2024 to November 2024 at the Integrated Field Laboratory Cage, Faculty of Agriculture, University of Lampung. Blood sample analysis was conducted at Pramitra Biolab Indonesia Laboratory, Bandar Lampung. This study used a completely randomized design (CRD) with 5 treatments and 3 replicates. The treatments were PO: Drinking water without binahong leaf extract (control), P1: Drinking water with 150 mg binahong leaf extract /kg body weight/day, P2: Drinking water with 200 mg binahong leaf extract/kg body weight/day, P3: Drinking water with 250 mg of binahong leaf extract/kg body weight/day, and P4: Drinking water with 300 mg of binahong leaf extract/kg body weight/day. The data obtained were analyzed descriptively. The results showed that the average value of LDL levels of KUB chickens given binahong leaf extract (*Anredera cordifolia* (Ten.) Steenis) ranged from 21.33-35.33 mg/dl, and the average value of HDL levels of KUB chickens given binahong leaf extract (*Anredera cordifolia* (Ten.) Steenis) ranged from 67.00-81.33 mg/dl. The conclusion is that the provision of binahong leaf extract in drinking water on HDL levels shows results above normal and LDL is still in normal condition.

Keywords: Native chicken, Binahong leaf extract, high density lipoprotein, Low density lipoprotein.