

## ABSTRAK

### **Total Kolesterol, LDL, dan HDL Darah Ayam Kampung ULU Betina yang diberi Jintan Hitam (*Nigella sativa*) dalam Ransum**

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Penelitian bertujuan untuk mengetahui total kolesterol, LDL, dan HDL darah ayam kampung ULU betina yang diberi jintan hitam (*Nigella sativa*) dalam ransum. Penelitian dilaksanakan pada Desember 2022--Februari 2023 di Laboratorium Lapang Terpadu, Fakultas Pertanian, Universitas Lampung dan pengujian di Laboratorium Pramitra Biolab Indonesia. Penelitian menggunakan 4 perlakuan 3 ulangan dengan dosis perlakuan yaitu kontrol (P0), 36 mg/kg BB (P1), 72 mg/kg BB (P2), 144 mg/kg BB (P3). Peubah yang diamati meliputi total kolesterol, LDL, dan HDL. Hasil penelitian ditampilkan dalam bentuk histogram dan dianalisis secara deskriptif. Rataan total kolesterol, LDL, dan HDL perlakuan penelitian ini berturut turut dari P0, P1, P2, dan P3, total kolesterol (91,33 mg/dl; 88 mg/dl; 86,67 mg/dl; 85 mg/dl), LDL (30,67 mg/dl; 27,33 mg/dl; 21,33 mg/dl; 23,33 mg/dl), dan HDL (69,67 mg/dl; 73 mg/dl; 56,67 mg/dl; 60,33 mg/dl). Disimpulkan bahwa Pemberian perlakuan Jintan Hitam (*Nigella sativa*) dengan menggunakan dosis perlakuan 36 mg/dl *Nigella sativa*, 72 mg/dl *Nigella sativa*, 144 mg/dl. Total kolesterol, LDL, dan HDL darah ayam kampung ULU betina yang diberi jintan hitam (*Nigella sativa*) mampu mempertahankan dalam kisaran normal dan mengalami peningkatan yang positif.

**Kata kunci:** Ayam Kampung ULU Betina, Kolesterol Total, HDL, Jintan Hitam (*Nigella sativa*), LDL.

## **ABSTRACT**

### **Total Cholesterol, LDL, and HDL Blood of Female ULU Village Chickens given Black Cumin (*Nigella sativa*) in Rations**

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This study aims to determine the total cholesterol, LDL, and HDL blood of female ULU native chickens given black cumin (*Nigella sativa*) in the diet, this research was conducted in December 2022--February 2023 in Laboratory, Faculty of Agriculture, University of Lampung and Testing at Pramitra Biolab Indonesia Laboratory. This study used 4 treatments 3 replicates with treatment doses, namely control (P0), 36 mg / kg BW (P1), 72 mg / kg BW (P2), 144 mg / kg BW (P3). The observed variables include total cholesterol, LDL, and HDL. The results were displayed in the form of histograms and analyzed descriptively. The averages of total cholesterol, LDL, and HDL of this research treatment were respectively from P0, P1, P2, and P3, total cholesterol (91.33 mg/dl; 88 mg/dl; 86.67 mg/dl; 85 mg/dl), LDL (30.67 mg/dl; 27.33 mg/dl; 21.33 mg/dl; 23.33 mg/dl), and HDL (69.67 mg/dl; 73 mg/dl; 56.67 mg/dl; 60.33 mg/dl). It was concluded that the administration of Black Cumin (*Nigella sativa*) treatment by using treatment doses of 36 mg/dl *Nigella sativa*, 72 mg/dl *Nigella sativa*, 144 mg/dl. Total cholesterol, LDL, and HDL in the blood of female ULU chickens given black cumin (*Nigella sativa*) were able to maintain within the normal range and experienced a positive increase.

**Keywords:** Female Hometown Chicken, Total Cholesterol, HDL, Black Cumin (*Nigella sativa*), LDL