

ABSTRAK

GAMBARAN DARAH (Eritrosit, Hemoglobin, dan Hematokrit) AYAM KAMPUNG JANTAN (*Gallus gallus domesticus*) SETELAH PEMBERIAN IMUNOMODULATOR EKSTRAK SAMBILOTO (*Andrographis paniculata*)

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Penelitian ini bertujuan untuk mengetahui gambaran darah (eritrosit, hemoglobin, dan hematokrit) pada ayam kampung jantan yang diberi ekstrak sambiloto (*Andrographis paniculata*). Penelitian ini dilaksanakan pada Januari--Maret 2022 di unit kandang Laboratorium Lapang Terpadu, Fakultas Pertanian, Universitas Lampung. Pemeriksaan sampel darah dilakukan di Laboratorium Patologi Klinik, Fakultas Kedokteran Hewan, Universitas Gadjah Mada. Penelitian menggunakan 4 perlakuan dan 3 ulangan. Perlakuan yang diberikan melalui air minum dengan P0: (kontrol), P1: 3 mg/kg BB/hari ekstrak sambiloto (*Andrographis paniculata*), P2: 6 mg/kg BB/hari ekstrak sambiloto (*Andrographis paniculata*), dan P3: 12 mg/kg BB/hari ekstrak sambiloto (*Andrographis paniculata*). Data yang diperoleh dianalisis secara deskriptif. Hasil penelitian menunjukkan bahwa ayam kampung jantan yang diberikan ekstrak sambiloto dapat mempertahankan jumlah eritrosit, hemoglobin, dan hematokrit pada kisaran normal.

Kata kunci: Sambiloto (*Andrographis paniculata*), Eritrosit, Hemoglobin, Hematokrit, dan Ayam Kampung Jantan

ABSTRACT

BLOOD PROFILE (Erythrocytes, Hemoglobin, And Hematocrit) OF LOCAL COCKS (*Gallus gallus domesticus*) AFTER GIVING THE HALVIVA (*Andrographis paniculata*) EXTRACT IMUNOMODULATOR

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The purpose of this study was to know find out blood profile (erythrocytes, hemoglobin, and hematocrit) of local cocks that given halviva (*Andrographis paniculata*). The research was carried out in January--March 2022 in the cage unit of the Integrated Field Laboratory, Faculty of Agriculture, University of Lampung. Blood samples were examined at the Pathology Clinical Laboratory, Faculty of Veterinary Medicine, Gadjah Mada University. Experimental research using 4 treatments and 3 replications. The treatment was given through drinking water with P0; (control), P1: 3 mg/kg BW/day halviva (*Andrographis paniculata*) extract, P2: 6 mg/kg BW/day halviva (*Andrographis paniculata*) extract, and P3: 12 mg/kg BW/day halviva (*Andrographis paniculata*) extract. The data obtained were analyzed descriptively. The result of this study showed that halviva extract which is given to local cocks is able to conducted the amount of erythrocytes, hemoglobin, and hematocrit at the normal range.

Key word: Halviva (*Andrographis paniculata*), Erythrocytes, Hemoglobin, Hematocrit, and Local cocks