THE EFFECT OF WHITE TURMERIC (CURCUMA ZEDOARIA) JUICE ON THE THICKNESS OF TUNICA MEDIA AORTA OF CHICKEN (GALLUS GALLUS) WITH HIGH FAT DIET

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Abstract

The aim of this study was to know the effect of white turmeric (Curcuma zedoaria) juice on the thickness of aortic media of chicken (Gallus gallus) with high fat diet. The design study used in this experimental was completed randomized design. Three treatments used in this study were P1, P2, P3, and control, P01 and P02. Chickens were divided into five groups which were fed with high fat diet and white turmeric juice in the concentration 15% (P1), 30% (P2), and 60% (P3), and two control groups with normal feeding (P01) and high fat diet (P02). The data analysis used in this study was analysis of varian (ANOVA) with F test, and BNT test 5% if there was a differentiation. The result of this study showed that there was a differentiation on the thickness of chicken. The third treatment showed the most differentiation result.

Keyword: Curcuma zedoaria, High Fat, Effect.