ABSTRACT

Anti-cholesterol Activity Test Of Kumis Kucing’s (Orthosiphon stamineus Benth.) Leaves Dry Extracts In Mice Alloxan Induced In Vivo Model

The objective of this study was to know the anti-cholesterol activity of Orthosiphon’s leaves dry extracts in mice alloxan induced and high cholesterol diet (cholesterol 2% and propylthiouracil 0,02% in quail eggs). This study by using 6 group test, they were normal group, negative control, positive control and 3 groups with different doses (12 mg/20 g body weight, 35 mg/20 g body weight, 60 mg/20 g body weight). The respective doses were given for 7 days and were evaluated on 3rd, 5th, 7th day. All acquired data were analyzed by using One Way ANOVA test and for further analysis was used Post Hoc Test LSD method.

The result is dose 2 (35 mg/20 g body weight) of Orthosiphon’s leaves dry extract is the effective dose to decrease the cholesterol level.

Keywords: Orthosiphon stamineus Benth., kumis kucing, anti-cholesterol, alloxan, propylthiouracil.