

**THE NEPHROTOXICITY TEST OF ROSELLA FLOWER PETALS  
EXTRACT (*Hibiscus sabdariffa* Linn) ON HISTOPATHOLOGICAL  
FEATURES KIDNEY IN MICE (*Mus musculus*)**

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**ABSTRACT**

The aim of this research was to determine the effect of rosella flower petals extract on histopathological features of mice (*Mus musculus*) kidney. This research used 20 male white mice two months old and 20-25 gram of body weight, randomly divided into five groups with four replicates. Control group (P0) were given *aquadest* 0.01 ml/ gBW, and treatment group (P1, P2, P3, and P4) were given of rosella flower petals extract by varying the dose (2.5 g, 5 g, 10 g, and 20 g). Three weeks after treatment, mice sacrificed and their kidney were taken for histopathology preparation with H.E staining. Histopathology changes score was analyzed with Kruskal Wallis and Z Test. Kruskal Wallis result showed there was significantly differences between control and treatment groups. Then, followed by the Z test there is a highly significant difference between the control group with each treatment group, and were not significant different between among treatment group.

**Key words:** rosella flower petals extract, histopathology kidney, mice.