



Research Article

Assessment Of The Anti-Ulcer Activity Of Ethanolic Extract Of *Lagenaria Siceraria* Leaves In Wistar Rats

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ABSTRACT

This study aims to assess the anti-ulcer activity of *Lagenaria Siceraria* leaves in through an experiment induced animal models. (Linn). The leaves a *Lagenaria Siceraria* with petroleum ether, chloroform, and ethanol were extracted in this experiment It was also approved as Phytochemical Preliminary Screening and showed that alkaloids, tannins, flavonoids, glycosides, and steroids are present in the plant extracts *Lagenaria Sinnaraia* (Linn.) Pylorus ligation-induced ulcer and ethanol model in ethanol extracts were tested for gastric protective activity. A set of biochemical parameters, such as stomach gastric pH, free acidity, total acidity, ulcer index, and volume, dissolve mucous substance for instance, mucin, total protein and extract a concentration of 250 mg/kg was estimated to have a positive effect on models of ulcer-induced comparison to Omeprazole (20mg/kg) a standard drug Some levels of antioxidant enzyme have also been determined (glutathione, catalase, and superoxide dismutase). The result of the study showed that relative to the normal, *Lagenaria Siceraria* ethanolic extract was more potent than ethanolic extract. It can be determined from the findings, that the plant has a significant antiulcer activity. Maybe it's because of the antioxidants, tannins, or flavonoid is present.

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