



Protective Effects of *Glycyrrhiza glabra* Plant Extract against Cyclophosphamide in Kidney and Liver Tissues in White Albino Rats.

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Abstract: The study aims to evaluation the protective activity of methanol-water extract of *Glycyrrhiza glabra* root (GL) against histopathological changes induced by cyclophosphamide in white albino rats. Multiple doses for drug and extract were used to investigate the accumulation effect of drug and extract in liver and kidney.

Results show that drug causes different harmful changes in rat organs in all doses concentrations used in study and extract have protective activity to prevent changes in tissue in 1000, 750 and 250 mg \kg , but dose 500 was failure to protect liver and lowest effect on kidney.

Conclusion of present study is *Glycyrrhiza glabra* useful for protective body organs against side effect of drugs and harmful effect of oxidative stress.

Key wards : *Glycyrrhiza glabra* , cyclophosphamide, liver, kidney.

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