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Hepatoprotective activity of Kigelia africana Lam fruit extract against carbon tetrachloride induced liver damage model.

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Abstract: Fruit part of Kigelia africana Lam was extracted using solvents like Hexane and Ethanol consecutively and the received extracts were screened for hepatoprotective activity using CCl4 triggered liver damage model in wister albino rats. The action was assessed by comparing the serum enzyme levels such as Serum glutamate pyruvate transaminase, Serum glutamic oxaloacetic transaminase, Total bilirubin and Alkaline phosphatase of plant extracts treated group with carbon tetrachloride treated animals. Results confirmed that ethanolic extract-treated group has shown highly significant action, while the hexane extract-treated group has shown moderate significant action however much less compare ethanolic extract. The effects were further supported by the process of histopathological studies of liver tissues. [ABSTRACT FROM AUTHOR]

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