

HEPATOPROTECTIVE ACTIVITY OF *WITHANIA SOMNIFERA* DUNAL (*ASHWAGANDHA*) ON PARACETAMOL INDUCED LIVER DAMAGE IN ALBINO RATS

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In the present study, aqueous and alcoholic extracts of Withania somnifera were screened for their hepatoprotective activity on paracetamol induced liver damage in albino rats. The percent hepatoprotective activity of Withania somnifera, in terms of three major enzymes of liver viz. SGOT, SGPT and ALP was found to be 91.30, 77.77 and 65.4 percent for alcoholic extract and 74.08, 68.92 and 53.75 percent for aqueous extract, respectively. The study showed that alcoholic extract of W.somnifera was more effective than aqueous extract but its efficacy was found to be lesser than standard hepatoprotective drug LIV-52.

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