

Hypoglycemic effect of Aloe vera gel on streptozotocin-induced diabetes in experimental rats.

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Citation: J-Med-Food. 2004 Spring; 7(1): 61-6

Abstract:

In the present study an attempt has been made to evaluate the presence of hypoglycemic activity in the alcoholic extract of Aloe vera gel. Effects of oral administration of A. vera extract at a concentration of 200 and 300 mg/kg of body weight on (a) normal fasted rats, (b) oral glucose-loaded rats, and (c) streptozotocin-induced diabetic rats have been studied. A. vera extract maintain the glucose homeostasis by controlling the carbohydrate metabolizing enzymes.