

HYPOGLYCEMIC AND HYPOLIPIDEMIC EFFECT OF CHICORY (*Cichorium intybus L.*) HERB IN DIABETIC RATS

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ABSTRACT: *The hypoglycemic and hypolipidemic effects of chicory herb in plasma rats were studied, with feeding on standard diet supplemented with 10 % chicory herb for diabetic rats. The data produced significant decreases for plasma glucose and total cholesterol in diseased rats compared to diabetic control. HDL-C showed a significant increase by 7.69 % in diseased rats after 50 days comparing with diabetic control. LDL-C and triglyceride showed significant decreases in diseased rats after 50 days comparing with diabetic control. AST and ALT enzymes activity showed a significant inhibition in diseased rats after 10 and 50 days comparing with diabetic control. The present study can be concluded that chicory herb has a good effects as hypoglycemic and hypolipidemic agent for diabetic animals.*

Key words: *Hypoglycemic, hypolipidemic, chicory and diabetic.*
