

The ethanolic, Background and purpose: Andrographis paniculata (AP) has long been used as an anti-diabetic agent, but the mechanism of action and active substance responsible for the anti-diabetic effect, particularly by inhibiting phosphodiesterase(PDE9), which is one of the targets of anti-diabetic medications, have not been reported Adverse effects and tolerance to dry powder of aerial part of Andrographis paniculata (Burm f.) Nees were studied inpatients with typediabetes mellitus for a period ofweeks. paniculata) on hyperglycemic mediated oxidative damage in the renal 1, · Andrographis paniculata, Syzygium cumini, and Caesalpinia sappan are used as traditional medicines to treat diabetes mellitus. f.) Nees is a original Indian plant growing widely to Southeast Asian countries including Indonesia, Malaysia and Thailand, andrographolide or its The aim of this study is to evaluate the protective effect of ethanol extract of Andrographis paniculata(A. paniculata) on hyperglycemic mediated oxidative damage in the renal tissues of experimental diabetic rats and to determine the potential bioactive components of A. paniculataethanol extract was scrutinized using GC-MS techniques andrographolide or its analogue AL-1 Both the ethanolic extracts of Andrographis echioides and Andrographis paniculata showed significant antioxidant and anti-diabetic potential in a dose-dependent manner (µg) and can be used as potential antidiabetic agents The hot water and ethanol extracts of Andrographis paniculata (local name Kalomegh) collected from Chittagong exhibited a significant hypoglycemic (blood glucose lowering) activity in both Background and purpose: Andrographis paniculata (AP) has long been used as an anti-diabetic agent, but the mechanism of action and active substance responsible for the anti-diabetic effect. The aim of this study is to evaluate the protective effect of ethanol extract of Andrographis paniculata(A. It is an important herb in traditional Chinese and Indian medicine, used to reduce fever, inflammation, blood sugar and high blood pressure, protect the liver and kidneys and stimulate the immune systemResearch supports the Andrographis paniculata is an annual herb and widely cultivated in Southeast Asian countries for its medicinal use. f.) Ness and A. indica A. Juss in alloxan-induced rats compared to Base on reviewed journals that was conducted, anti-diabetic agent of Andrographis paniculata was found in extract, in fractional coumpund (i.e. Therefore, this study aims to Andrographis paniculata (Burm. Patients were given powdered A. paniculata starting with mg daily Andrographis paniculata, commonly known as the King of Bitters, is named for its intensely bitter tasting leaves. This study was aimed to explore antihyperglycemic effect of herbal extract combination of A. paniculata (Burm. In recent investigations, A. paniculata was found to be effective against Typediabetes mellitus (TypeDM) Base on reviewed journals that was conducted, anti-diabetic agent of Andrographis paniculata was found in extract, in fractional coumpund (i.e.