

ABSTRACT
(LITERATURE REVIEW)

PENGARUH EKSTRAK DAUN UBI JALAR UNGU
(*Ipomoea batatas L.*) SEBAGAI PENURUN KADAR GULA DARAH

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One of the plants that has antidiabetic activity is purple sweet potato leaf. Based on the results of phytochemical examination, purple sweet potato leaves contain flavonoid compounds, alkaloids, saponins and tannins. This scientific paper is made to determine the antidiabetic activity of purple sweet potato leaves. Based on various research from several articles using the maceration extraction method with male Wistar strain rats as experimental animals. Taken from several articles consisting of 3 national articles and 2 international articles that show various levels of purple sweet potato leaf extract that can reduce blood sugar levels. The range effective dose that can reduce blood sugar is around 150mg-400mg of purple sweet potato leaf extract. However, further research is still needed for in vivo applications in humans as well as accurate dosing tests.

Keywords : Ipomoea batatas L., purple sweet potato leaves, antidiabetic, inhibitor α -glukosidase.