

RESEARCH ARTICLE

Evaluation of photochemical and free radical scavenging properties of *Euphorbia antiquorum* L. extracts

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ABSTRACT

The present study deals with evaluation of free radical scavenging ability and preliminary phytochemical screening of *Euphorbia antiquorum*. Various extracts were prepared and tested for preliminary phytochemical screening for detection of presence of various classes of chemical principles viz., flavonoids, tannins and phenolic compounds. *Euphorbia antiquorum* contains a variety of phytochemical compounds, among the extracts used ethanol and acetone extracts exhibited significant free radical scavenging activity and presence of high level of phenolic compounds which can effectively prevent free radical mediated cell damage by free radicals scavenging activity and thus can be used as a potent source of natural antioxidant compounds.

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