

INVITRO ANTIOXIDANT ACTIVITY OF *ALBIZIA LEBBECK* (L) BENTH

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ABSTRACT

Medicinal plants are traditionally used in folk medicine as natural healing remedies with therapeutic effects such as prevention of cardiovascular diseases or reducing the risk of cancer. Medicinal plants are valuable because of the presence of chemical substances and antioxidants properties. The objective of the present work is to study the *invitro* antioxidant activity by DPPH scavenging, Nitric oxide assay, hydrogen peroxide, sulphur oxide and total antioxidant assays. The results revealed that the hydroalcoholic leaves extracts of *Albizia lebeck* showed a strong antioxidant activity, reducing power ability and free radical scavenging when compared to the standard such as Ascorbic acid.

KEYWORDS: *Albizia lebeck*, Antioxidant Activity, Free Radical Scavenging and Reducing Power Ability