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In vitro anti-Helicobacter pylori effects of sweet basil (*Ocimum basilicum* L.) and purple basil (*Ocimum basilicum* var. *purpurascens*)

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Abstract

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Anti-Helicobacter pylori effects of leaves of *Ocimum basilicum* L. (sweet basil, Lamiaceae) and *Ocimum basilicum* var. *purpurascens* (purple basil, Lamiaceae) were evaluated. Macerated aqueous and methanol extracts were tested against 45 clinical isolates of *Helicobacter pylori* using paper Disc Diffusion (DDM) on modified egg yolk emulsion agar (EYE agar). Although there were small differences in sensitivity among the isolates tested, but all isolates were susceptible to methanol and aqueous extracts. The Minimum Inhibitory Concentrations (MIC) of the extracts from leaves of sweet basil and purple basil were 1.56 mg/ml and 0.78 mg/ml, respectively.

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