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**Antibacterial and antifungal activity of Iranian propolis against *Staphylococcus aureus* and *Candida albicans*.**

[Ghasem YB](#), [Ownagh A](#), [Hasanloei M](#).

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Propolis samples from West North region of Iran were studied for their antibacterial (against *Staphylococcus aureus*) and antifungal (against *Candida albicans*) activities. In this article, yield of extracts and their pH values were measured. Antibacterial and antifungal activities of Ethanol-Extracted Propolis (EEP) were investigated by Petri dish bioassay method. Dilutions of EEP in agar with serial concentrations ranging from 0/04 to 10% (W/V) were prepared and antimicrobial activities were determined as Minimal Inhibitory Concentrations (MIC). All samples were active against the fungal and bacterial test strains. MIC values for different propolis samples against *Staphylococcus aureus* were, respectively 4, 3 and 1.5% (W/V) and against *Candida albicans* were, respectively 2, 4 and 3% (W/V).

PMID: 19069941 [PubMed - indexed for MEDLINE]






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