

## Evaluation of Antimicrobial Activity of Phenolic Compounds Extracted from Jordanian *Juglans regia* L.

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**Abstract :** In this study we have examined of antimicrobial activity for unripe Juglan Regia phenolic extracts against a wide range of pathogenic microorganisms. Walnut (*Juglans regia* L.) is a member of Juglandaceae family used as a remedy in folk medicine. Leaves, barks, fruits and husk (peel) reported to harbor distinctive medical effect. In our study, we examined the anti-microbial effect against a set of gram positive and negative bacteria and even we have tested them against eukaryotic candida strains in a concentration gradual manner. Ethyl acetate extract of *J. regia* had the best antibacterial activity when compared with ciprofloxacin. The Minimum inhibition concentration for *S. aureus*, *P. aerogenosa* and *S. epidermidis* MIC was 0.85 mg/mL.

**Keywords :** antimicrobial, *J. regia*, *S. aureus*, phytochemistry

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