

Effect of alcohol extract (the core of the toothpick) *Salvadorapersica* and the effect of L-carnitine on sex hormones of male rabbits exposed to oxidative stress

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Abstract

The purpose of this study is to know the effect of "Swak" root pulp alcoholic extract *Salvadorapersica* and role of L-carnitine in some of the Physiological and Chemical reactions effects through decreasing oxidation stress which is motivated by Hydrogen peroxide in the adult males of local rabbits, in the age of 7-9 months, weighting (1200- 1600) gm. where they were divided into seven groups, each group included five rabbits, and it was as follows:

- (1) Healthy control group untreated had consumed normal drinking water and standard food.
- (2) (Leaching) the group of Hydrogen peroxide 0.5% added daily with normal drinking for (30) days.
- (3) The group of "Swak" root pulp alcoholic extract 1ml in (200mg) for (30) days.
- (4) The group of "Swak" root pulp alcoholic extract + Hydrogen peroxide 0.5%.

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