Abstract:
This study was designed to show the effects of caffeine on the activities of aspartate aminotransferase (AST), alanine amino transferase (ALT), gama glutamate transferase (γ-GT) enzymes in the sera. Caffeine demonstrated activation on (AST) and (ALT) activities, inhibitory effects on the (γ-GT) activity, and these effects increased with increasing the concentration of the compound. Kinetic properties of (AST) and (ALT) activities revealed (by caffeine) non-competitive type of activation, and of (γ-GT) activity competitive inhibitors.