

The Effect of Strawberry and Almond in Some Physiological and Biochemical Traits of Rabbits

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ABSTRACT

The current study revealed The influence of strawberry-derived polyphenols and almond-derived omega-3, and a combination of omega3 and vit. E in reducing the risk of experimental fatty liver disease caused by Triton. The study included 100 male white rabbits. They were separated into ten groups. as follows: control group, rabbits administered 300 milligrams of triton per kilogram of body weight, rabbits given Strawberry-extracted polyphenols, rabbits given Strawberry-extracted polyphenols with Triton, rabbits provided Almond-derived omega-3, rabbits provided Almond-derived omega-3 with Triton, Rabbits provided Strawberry-extracted polyphenols and Omega3 extracted from almonds, provided rabbits Polyphenols from strawberries and omega-3 from almonds with Triton, rabbits given omega3 , Vit. E provided the final group with vitamin E and omega-3with triton. The dose administered daily for four months. Study Outcomes showed a notable rise in ALT and AST activity in rabbits groups handled with Triton while in contrast to each of the other groups. Whereas in the rabbit groups given polyphenols made from strawberries, Omega3 extracted from almonds, and Omega3, vitamin E, the activity of the indicated enzymes decreased. Compared to the other groups, the rabbits treated with Triton had higher levels of urea and creatinine with a probability of ($P \leq 0.01$).

