Animal Science Papers and Reports

The effect of hydrocortisone on the concentration of triacylglycerols and cholesterol in the liver and kidney of mice maintained on two diets differing in protein level

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Abstarc :

Used were mice aged 6 weeks and maintained on diets containing 16 or 10% crude protein. Over 4 or 6 consecutive days the mice were given intraperitoneally 0.0075 mg hydrocortisone per kg body weight. Control mice were intraperitoneally injected with 0.9% NaCl. In the liver of mice kept on low-protein diet the concentration of triacylglycerols was found significantly lower after 6 days injections while in the kidney of those kept on standard diet (16% protein) – increased after 4 days injections.

Key Word :
cholesterol / dietary protein / hydrocortisone / mice / triacylglycerol

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