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Effect of Water Extract from Stem Bark of *Rhus verniciflua* Stokes on the Concentrations of Lipid and Lipid Peroxidation in Mice

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Male mice (ddY strain) were fed a laboratory chow diet containing the water extract from stem bark of *Rhus verniciflua* Stokes(RVS) for 14 days. There were no significantly difference in body weight gain, diary food intake, the concentrations of lipids in liver and total cholesterol and phodpholipid in serum. The concentration of triglyceride in serum was significantly lower in the RVS group than that in the control group. The concentration of high-density-lipoprotein cholestrol in serum was significantly higher in the RVS group than that in the control group. The methanol extract from RVS stem bark effectively inhibited the formation of thiobarbituric acid-reactive substances as a marker of lipid peroxidation of liver microsomes in a concentration-dependent manner. This study showed that the water extract from stem bark of RVS decreased the serum triglyceride concentration and methanol extract is an antioxidative activity by using an *in vitro* oxidation model.