Studies on effect of phytase on serum enzyme activity in broiler chicks

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ABSTRACT
A total 20 one day old broilers were taken in order to assess the effect of phytase supplementation to diet. The experiment was conducted to study the effect of phytase (wheat) supplementation in chicks fed different levels of phytase on performance of serum enzyme activities. Control without phytase was used. Phytase supplementation increased serum aspartate aminotransferase (AST) activity and reduced serum alanine aminotransferase (ALT), alkaline phosphatase (ALP) activities. These results demonstrated that phytase supplementation influenced serum AST, ALT and ALP activities.

Key words: Phytase, AST, ALT, ALP