_initial events in the enzymes through effective interactions
in the initial events with the glucose. The enzymes

GOT (Glutamate oxaloacetate transaminase)
GPT (Glutamate pyruvate transaminase)
LDH (Lactate dehydrogenase)
ALP (Alkaline phosphatase)
G-6-PH (Glucose-6-phosphate dehydrogenase)

Echinococcus granulosus and Protoscoleces heart tissue

Effects on the enzymes in the heart tissue of Echinococcus granulosus and Protoscoleces heart tissue.

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Determination of Activity of some Enzymes in Protoscoleces of *Echinococcus granulosus* of Sheep Origin and the Effect of Infection on the Enzymes Activity in Sheep Heart Tissues

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**ABSTRACT**

The present study focused on comparison of the enzymes Glutamate oxaloacetate transaminase (GOT), Glutamate pyruvate transaminase (GPT), Lactate dehydrogenase (LDH), Alkaline phosohatase (ALP) and Glucose -6- phosphate dehydrogenase (G-6-PH), in heart of sheep infected with *Echinococcus granulosus* of sheep origin, and those of non-infected sheep to clarify the effect of the parasite on heart tissues of sheep.

Results show a significant decrease in the activity of GOT, GPT and ALP in hearts of infected sheep compared with protoscoleces and control (non-infected) sheep. On the other hand, there seems to be a significant increase in activity of LDH and G-6-PH in hearts of infected sheep compared with protoscoleces and non-infected sheep.