

**A Study of Heart Enzyme Profile in Myocardial Infarction**

**Khan, M. R<sup>1\*</sup>, Khan, M<sup>2</sup> and Shah, A<sup>3</sup>**

<sup>1,2</sup> Department of Environmental Science and Policy, Lahore School of Economics, Lahore, Pakistan

<sup>3</sup> Department of Chemistry, Government College Lahore  
[\\*drrafiq@lahoreschool.edu.pk](mailto:*drrafiq@lahoreschool.edu.pk)

**Abstract**

*The work reported in this article was carried out to determine the role of cardiac enzymes in myocardial infarction. The cardiac enzyme levels of 30 normal subjects and 30 infarcted subjects were determined and compared by statistical analysis. The peak values of the statistical averages of CPK, AST and LDH were compared. The comparison indicated that the peak levels of cardiac enzymes in infarcted subjects were 1.5 to 6.1 times that of the normal subjects. The results also showed that the correlation between the cardiac enzyme concentration levels and the gravity of myocardial infarction was highly significant. From the results, it may be concluded that whenever there is an occurrence of myocardial infarction, higher levels of cardiac enzymes will be present in the blood of the infarcted subjects as compared to that in the blood of normal subjects.*

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