

Serum Adenosine Deaminase Estimation in Petrol Filling Station Workers

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ABSTRACT The activity of adenosine deaminase (ADA), a measure of cell mediated immune response was determined in serum of 65 male workers employed in different petrol filling stations in Hyderabad and Secunderabad, Andhra Pradesh, over a period of 2 years (July 1999- July 2001). The mean ADA activity in the study group was found to be 18.48 units/liter compared to 17.89 units/liter among controls. There was only a marginal increase in the ADA activity in the study group compared to controls. The increase in the ADA activity in the workers was found to be statistically insignificant. The results indicate that serum ADA activity in petrol filling station workers remains unaltered.

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