Abstract:

Comparison between micro minerals and enzymes in milk of health) and subclinically mastitis-infected cows revealed significant increase of copper (p<0.05) and alkaline phosphatase (ALP) and lactate dehydrogenase (LDH) at (r0.001). Comparison of milk from healthy and clinically mastitis-infected cows revealed significant increase of zinc (P<0.01) and ALP and LDH (p<0.001). Similarly, comparison of subclinical and clinical mastitic infected cows milk was found to show significant increase for copper and zinc (p<0.05) and ALP and LDII (1)--(1.001). The serum from clinical mastitic cows was found to increase significantly when compared to that of healthy and subclinically mastitis-infected cows (P<0.01 and P<0.05, respectively). However, non significant variations were found when comparing other micro minerals and enzymes studied.