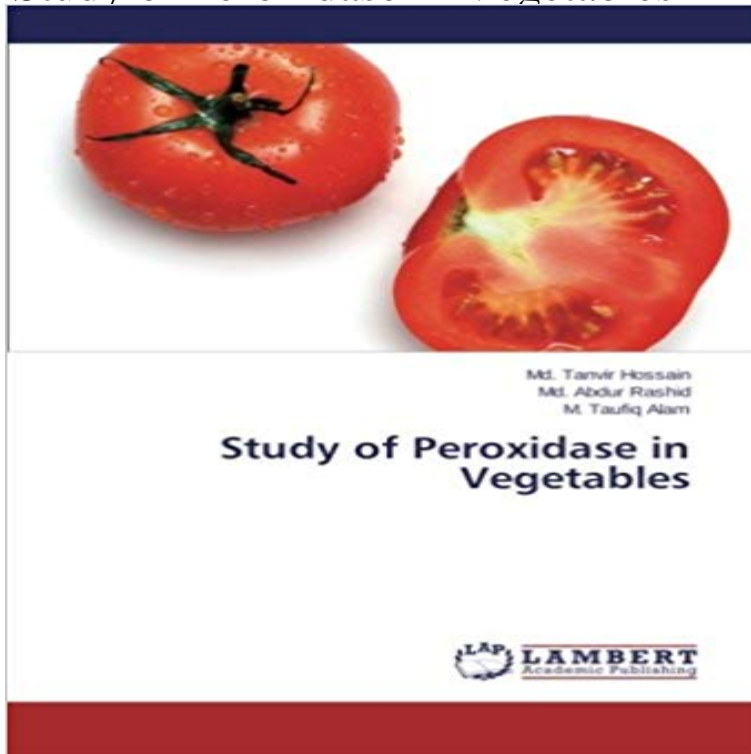


## Study of Peroxidase in Vegetables



Various locally available vegetables were screened for the enzyme peroxidase. The screening was performed mainly on daikon, cabbage, cauliflower, tomato and sweet potato etc. The juices of these vegetables were extracted and subjected to ammonium sulphate precipitation followed by dialysis to remove any adhere salts. The partially purified enzymes were then subjected to peroxidase assay. All the extracts from vegetables showed the presence of appreciable amount of peroxidase. In order to quantify, kinetic measurements of all the partially purified enzymes were performed using hydrogen peroxide as substrate and guaiacol (ortho-methoxy phenol) as color forming dye.

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