## What is an Enzyme?



## Lock and Key Model



## What do Enzymes do?

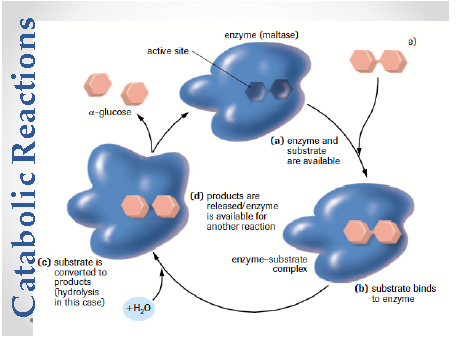
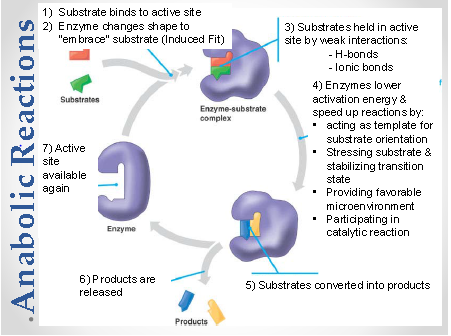


## Why Use Enzymes?

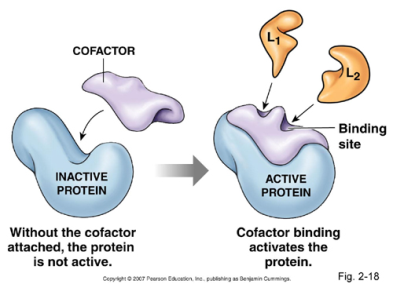


## Enzyme-Substrate Complex





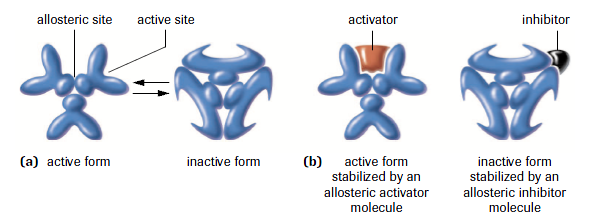
## Factors That Affect Enzyme Activity

3. 

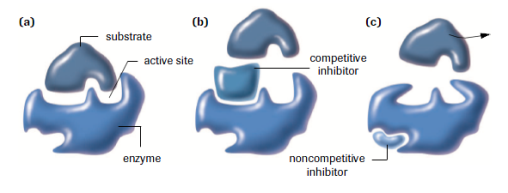
## Enzyme Cofactors



## Allosteric Regulation

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## Competitive Inhibitors

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## Feedback Inhibition