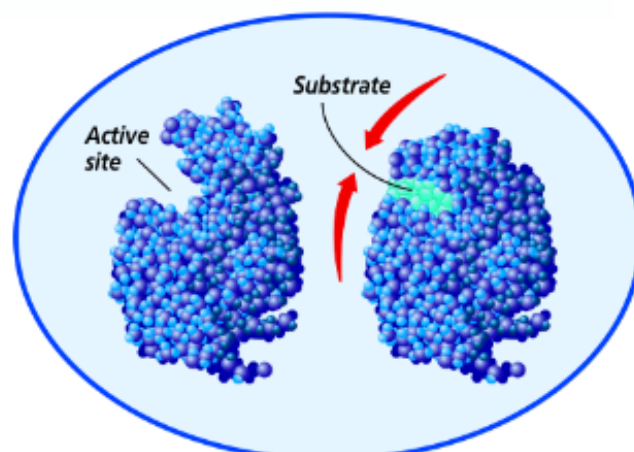


Action of Enzymes

Figure 6.23

An enzyme enables molecules, called substrates, to undergo a chemical change to form new substances, called products. The enzyme has an area called an active site on its surface that fits the shape of the substrate. When the substrate binds to the active site, the enzyme alters its shape slightly as shown below. Enzymes change the rate of a reaction but they do not change the amount of end product. **Critical Thinking** *Carefully evaluate this model. What is another way that enzyme activity could be represented?*



Lysozyme action

