

Enzymes

I. Enzymes

- A. Catalyze (start) reactions**
- B. Each has a specific structure and shape**
 - 1. This gives it a specific function**
- C. Usually end in –ASE**
 - 1. Example: lactase, sucrase, galactosidase**

II. Classification

- A. Proteins**
 - 1. The instructions for every enzyme in your body are in your DNA**
 - 2. Ribosomes make them**

III. Function

- A. To do chemical reactions quickly**
 - 1. Break things apart**
 - 2. Put things together**

IV. Denatured proteins

- A. Changes in temperature or pH can change the shape of an enzyme**
 - 1. Causing it to work poorly or not at all**