Enzymes

Type of Macromolecule: Enzymes are an example of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Purpose:



Label each part of the graph (A-E).

 Explain the difference between each line in the

 graph.

 Is this reaction endergonic or exergonic?

Describe what is happening at all stages using the correct terminology and associated letters.

1.

**H2O**

2.

3.

 What type of reaction is occurring here, dehydration synthesis or hydrolysis?

Explain the graphs in terms of impact on the activity of the enzyme:



Graph A:

Graph B:

Graph C: