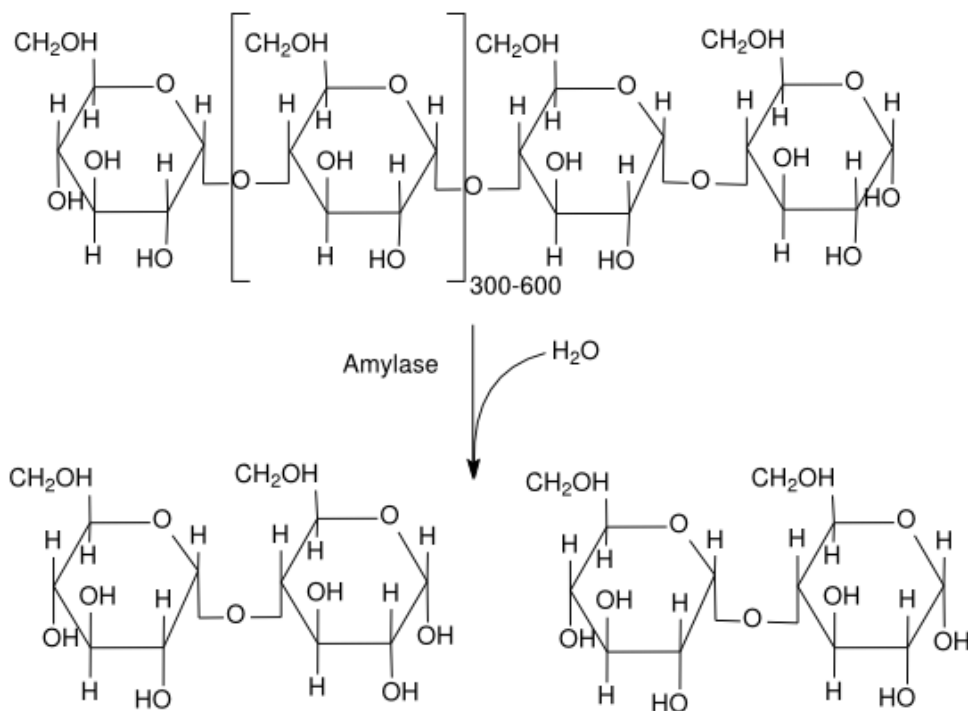


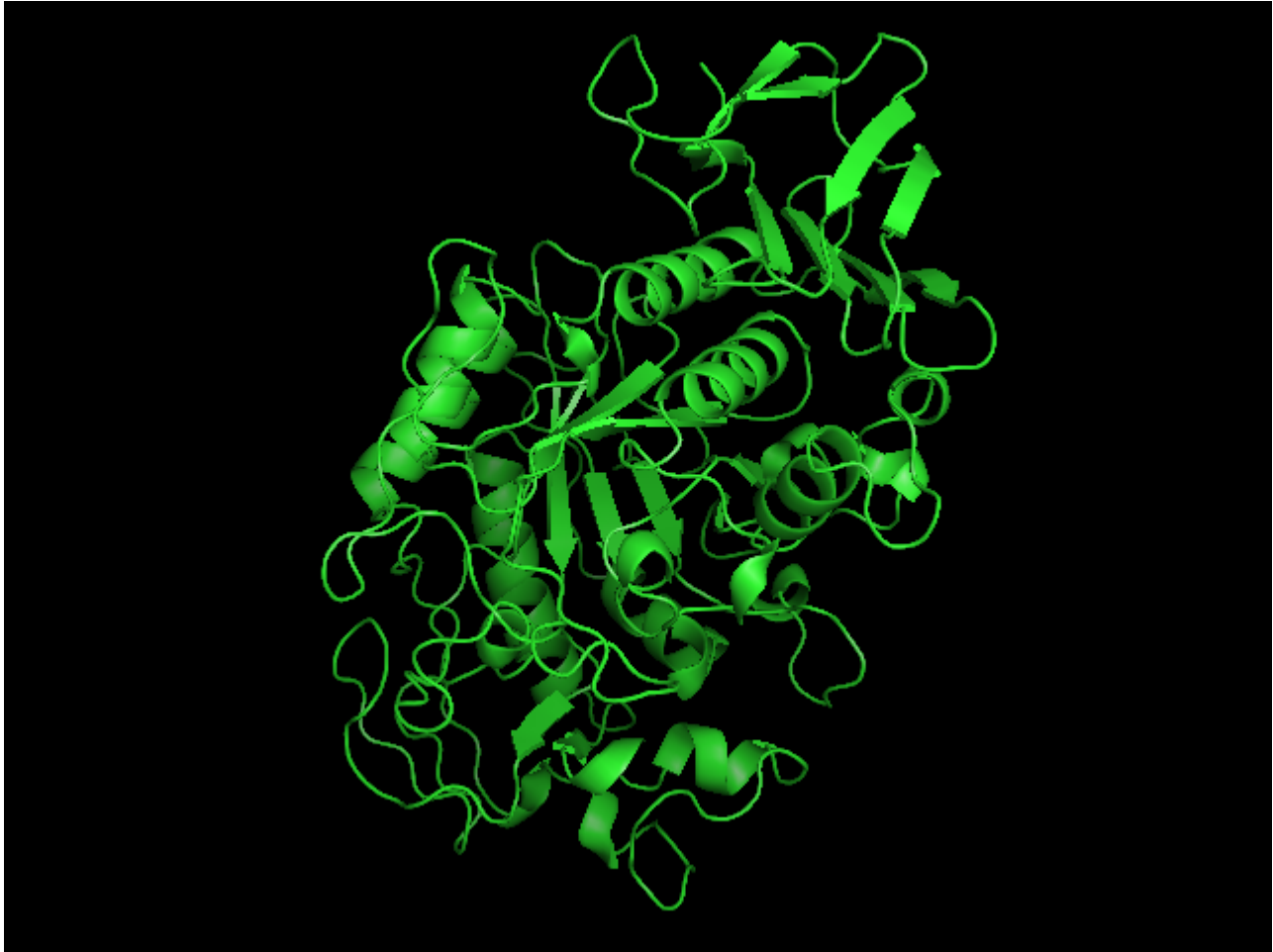


The Enzyme

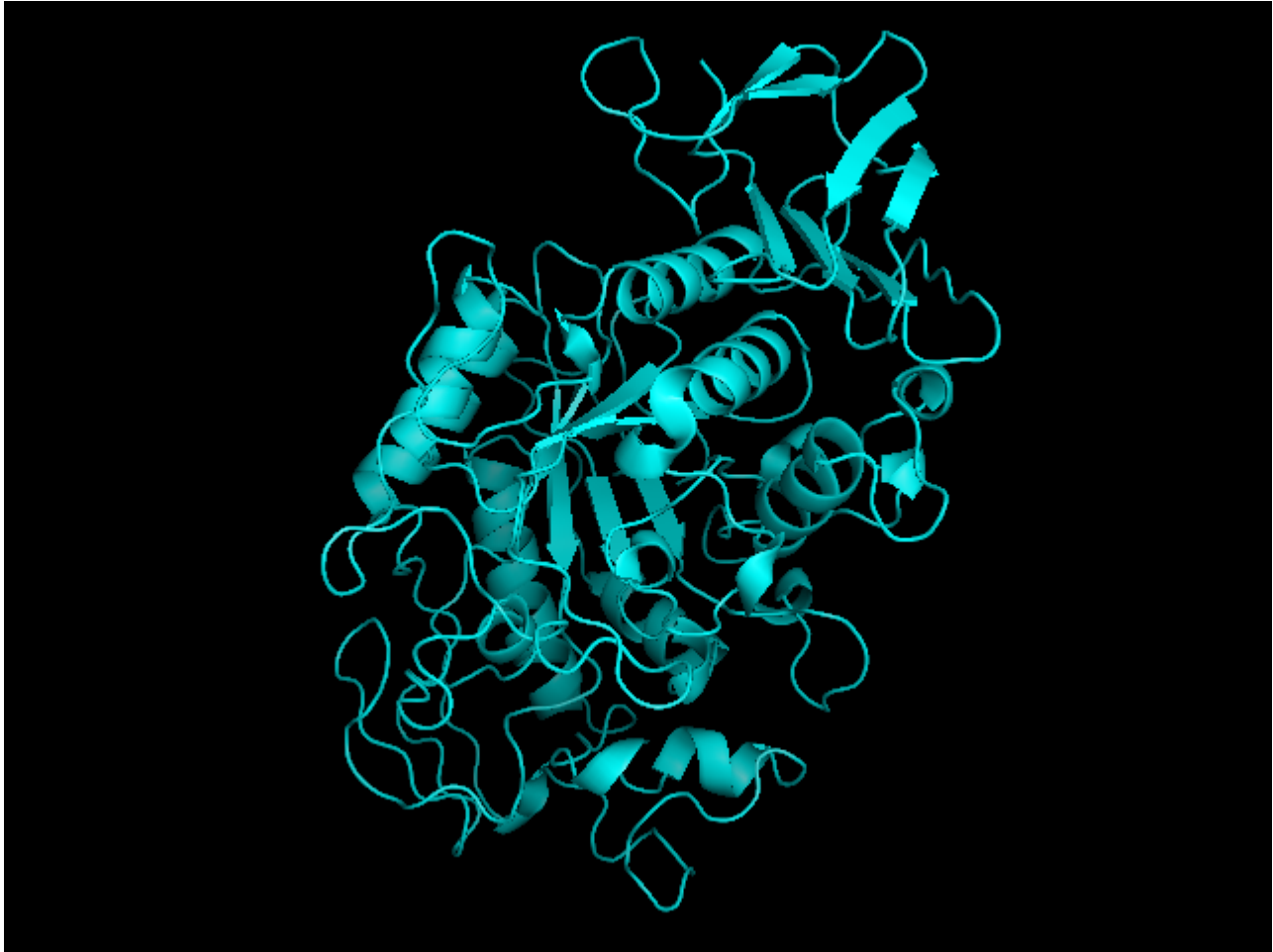


Amylase is an enzyme that breaks down amylose (starch) into glucose molecules.

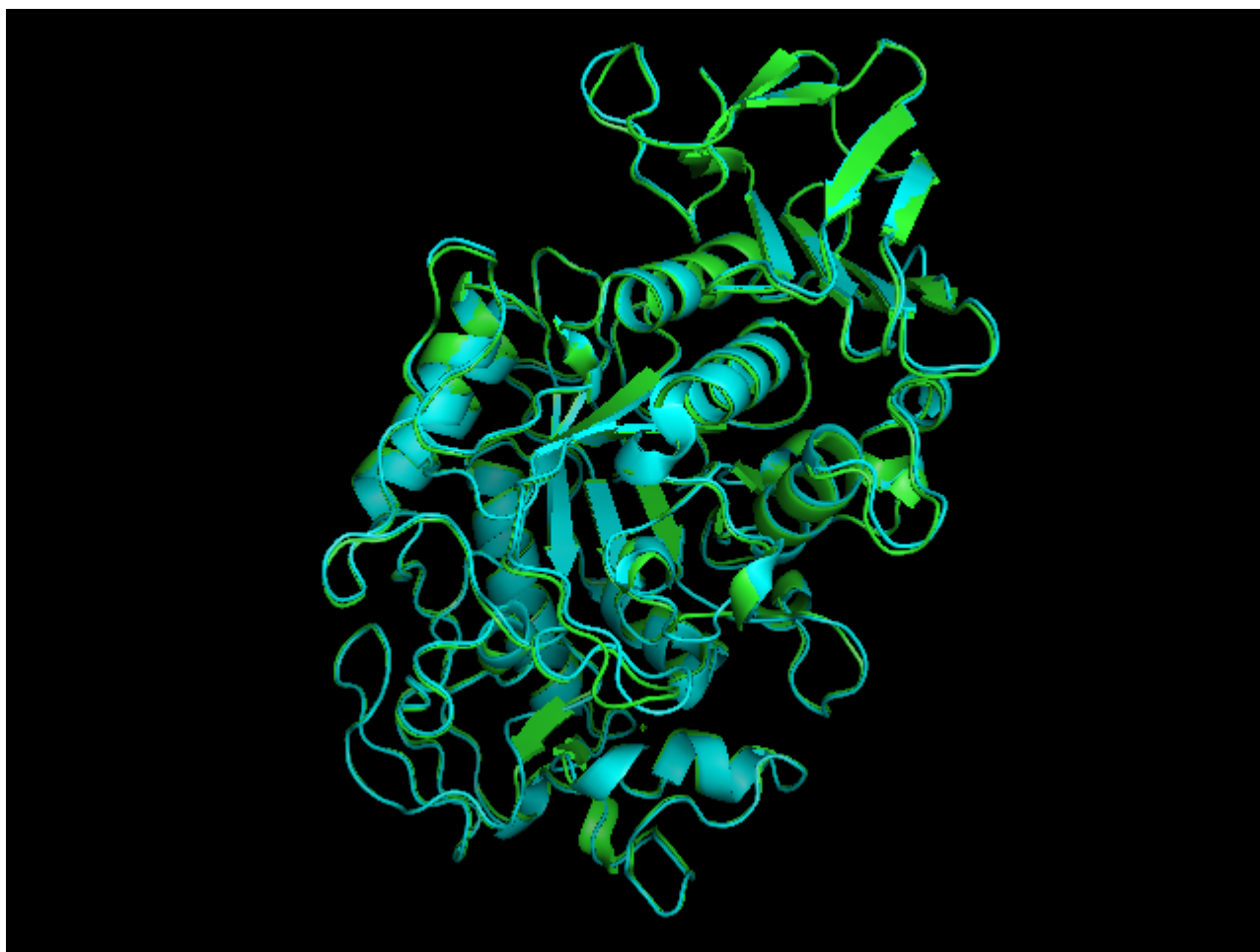
1. What test can be used to indicate the presence of Starch?
2. What test can be used to indicate the presence of glucose?
3. What is the role of an enzyme in a chemical reaction and what is it made of?
4. What parameters would influence the ability of the enzyme to facilitate the rate of the reaction?



Salivary amylase is produced in the mouth, where digestion begins.



Pancreatic amylase is produced in the pancreas and is supplied to the duodenum of the small intestines.



Overlay of salivary (**green**) and pancreatic (**teal**) amylase molecules.

Tags: [quantitative reasoning](#), [analysis](#), [inquiry](#), [integration of knowledge](#)