

Enzyme Catalysis

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{youtube}WEHJLdeqAu4?{/youtube}

In this video explains Enzyme Catalysis

- * Enzymes are complex nitrogenous substances produced by living bodies, which act as catalysts in the physiological reaction. The enzymes are also sometimes called bio catalysts
 - * Though enzymes are produced by living beings, they themselves are non-living and can act as catalysts even outside the living bodies.
 - * Numerous reactions that occur in the bodies of animals and plants to maintain the life process catalyzed by enzymes. The enzymes are thus termed as biochemical catalysis.
- Conversion of milk into curd: It is an enzymatic reaction brought about by lacto bacilli enzyme present in curd.

Mechanism of enzyme catalysis:

- The molecules of the reactant which have complementary shape comparing with the shapes of cavities on the surface of colloidal particles of enzymes.
- Therefore molecules of reactant fit into cavities of colloidal particle of enzymes just like key fits into lock.

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