

$E + S$	Enzyme + Substrate
ES	Enzyme-Substrate Complex
EP	Enzyme-Product Complex
$E + P$	Enzyme + Product
k_1	Rate Constant of Forward Direction of Enzyme-Substrate Complex Formation
k_{-1}	Rate Constant of Reverse Direction of Enzyme-Substrate Complex Disassociation
k_2	Rate Constant of Forward Direction of Enzyme-Product Complex Formation
k_{-2}	Rate Constant of Reverse Direction of Enzyme-Product Complex Disassociation
k_3	Rate Constant of Forward Direction of Enzyme + Product Formation
k_{-3}	Rate Constant of Reverse Direction of Enzyme + Product Disassociation
k_{cat}	"Turn Over" of One Substrate Molecule ; Number of Substrate Molecules Turned Over per Enzyme Molecule per Unit Time
K_M	Michaelis Constant ; Affinity of Enzyme for Substrate ; Ratio of Rate Constants for A Specific Reaction
K_S	Equilibrium Dissociation Constant

