ISSN: 2181-1385
Scientific Journal Impact Factor (SJIF) 2021: 5.723
DOI: 10.24411/2181-1385-2021-00165

ENZIMLARNING FAOLLANISH ENERGIYASI. BIOKATALIZATOR – OKSIREDUKTAZALAR

E'zoza Elmurod qizi Bekmatova
Toshkent viloyati Chirchiq davlat pedagogika instituti, talaba
elmuradovna.ezo@gmail.com

Voxid Baxromovich Fayziyev
Toshkent viloyati Chirchiq davlat pedagogika institute kafedra mudiri, b.f.d.
fvaxid@mail.ru

ANNOTATSIYA

Reaksiyaning faollanish energiyasi qancha yuksak bo'lsa, uning sur'ati ham shuncha sekin va aksincha, faollanish energiyasi qanchalik kam bo'lsa reaksiya ham shu qadar tez boradi. Biokatalizatorlardan hisoblangan oksireduktaza va peroksidazaning vazifasi faollanish enargiyasini pasaytirishdan iborat.

Kalit so'zlar: biokatalizator, enzimologiya, ekzergonik reaksiya, faollanish energiyasi, kofaktor, substrat.

ACTIVATION ENERGY OF ENZYMES. BIOCATALAYZER – OXYREDUCTASES

Ezoza Elmurod kizi Torajonova
Student of Chirchik State Pedagogical Institute of Tashkent region
elmuradovna.ezo@gmail.com

Vokhid Bakhromovich Fayziyev
Head of the Department, Doctor of Biological Sciences
Chirchik State Pedagogical Institute of Tashkent region
fvaxid@mail.ru

ABSTRACT

The higher activation energy of a reaction, the slower its rate, and conversely, the lower the activation energy the faster the reaction. The function of oxyreductase and peroxidase, which are calculated from biocatalysts, is to reduce the activation energy.

Keywords: biocatalyst, enzymology, exergonic reaction, activation energy, cofactor, substrate