Mitochondrial Complex II Activity Assay kit

Mitochondrial Complex II, also known as succinate-coenzyme Q reductase, is widely present in the mitochondria of animals, plants, microorganisms and cultured cells. It catalyzes the oxidation of succinate to produce fumaric acid, while the prosthetic group FAD is reduced to FADH2, which further Reduced oxidized coenzyme Q produces reduced coenzyme Q, which is a branch of the respiratory electron transport chain.

The reduced coenzyme Q, the catalytic product of complex II, can further reduce 2,6-dichloroindoxyl. 2,6-Dichloroindoxyl has a characteristic absorption peak at 605nm. It can be detected by detecting 2,6-dichloroindoxyl. The rate of decrease of indoxyl is used to calculate the enzyme activity.

Catalog No.	250323
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs