



Mitochondrial Complex IV Activity Assay kit

Mitochondrial Complex IV, also known as cytochrome C oxidase, is also a common component of the main and branch pathways of the mitochondrial respiratory electron transport chain. It is responsible for catalyzing the oxidation of reduced cytochrome C, and finally transferring electrons to oxygen to produce water.

Reduced cytochrome C has characteristic light absorption at 550nm. Mitochondrial complex IV catalyzes reduced cytochrome C to produce oxidized cytochrome C. Therefore, the decrease rate of light absorption at 550nm can reflect the enzyme activity of mitochondrial complex IV.

Catalog No.	250094
Size	50 Assays / 100 Assays
Product Category	Enzymatic / Metabolic Assay
Detection Method	Visible spectrophotometry
Storage/Stability	-20°C/1 year
Shipping	Gel Packs