CREATIVE BIOMART®
Assay Kit

Complex IV Human Enzyme Activity Microplate Assay Kit

Product Information

Cat.No. Kit-0243

Product Overview

The Complex IV Human Enzyme Activity Microplate Assay Kit is used to determine the activity of cytochrome c oxidase in a human sample with greater speed and simplicity. The COX enzyme is immunocaptured within the wells of the microplate and activity is determined colorimetrically by following the oxidation of reduced cytochrome c by the absorbance change at 550 nm. Included in this kit for performance of the activity assay are buffer, detergent, substrate, and 96-well microplate with monoclonal antibody pre-bound to the wells of the plate, allowing for a stream-lined assay.

Size

1 x 96 well plate

Applications

Functional Studies

Target Species

Reacts with: Cow, Human, PigDoes not react withMouse, Rat

Storage

Reagent C should be aliquoted and stored at -20°C or preferably at-80°C. Tube 1, Detergent and the covered microplate should bestored at 4°C-DO NOT FREEZE.

Kit Components

Components 96 tests96-well microplate (12 strips) 1 unitBuffer 1 x 10mlDetergent 1 x 1mlReagent C (Cytochrome c) 1 x 1ml

Detection method Colorimetric

Compatible Sample Types

Cell culture extracts, Tissue

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