

# 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 streamlined assay.

### Size

1 x 96 well plate

### Applications

Functional Studies

### Target Species

Reacts with: Cow, Human, Pig Does not react with Mouse, 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 be stored at 4°C-DO NOT FREEZE.

### Kit Components

Components 96 tests 96-well microplate (12 strips) 1 unit Buffer 1 x 10ml Detergent 1 x 1ml Reagent C (Cytochrome c) 1 x 1ml

**Detection method** Colorimetric

### Compatible Sample Types



CREATIVE BIOMART<sup>®</sup>  
Assay Kit

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Cell culture extracts, Tissue

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