

Complex IV Human Enzyme Activity Microplate Assay Kit

Cat. No. Kit-0243 **Lot. No.** (See product label)

SPECIFICATION

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, 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	Cell culture extracts, Tissue

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