

General NADPH-Cytochrome c Reductase Assay Kit

NADPH-Cytochrome c Reductase Microplate Assay Kit

CATALOG # AAA261569	REACTIVITY General	APPLICATIONS Functional Assay
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PRODUCT SYNONYMS

NADPH-Cytochrome c Reductase; NADPH-Cytochrome c Reductase Microplate Assay Kit; NCR; NADPH-Cytochrome c Reductase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate Samples.
Applicable Applications for NADPH-Cytochrome c Reductase assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for NADPH-Cytochrome c Reductase assay kit	Background/Introduction: Eukaryotic NADPH-Cytochrome c reductase (NADPH-cytochrome P450 reductase, EC 1.6.2.4) is a flavoprotein localized to the endoplasmic reticulum. It transfers electrons from NADPH to several oxygenases, the most important of which is the cytochrome P450 family of enzymes, responsible for xenobiotic metabolism. NADPH-cytochrome c reductase is widely used as an endoplasmic reticulum marker and as a biomarker of ecological pollution and dietary lipid uptake. This kit is based on a colorimetric assay that measures the reduction of cytochrome c by NADPH-Cytochrome c reductase in the presence of NADPH. The reduction of cytochrome c results in the formation of distinct bands in the absorption spectrum and the increase in absorbance at 550 nm is measured with time.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/nadph-cytochrome-c-reductase/261569>