

General Nitrite Reductase Assay Kit

Nitrite Reductase Microplate Assay Kit

CATALOG # AAA264745	REACTIVITY General	APPLICATIONS Functional Assay
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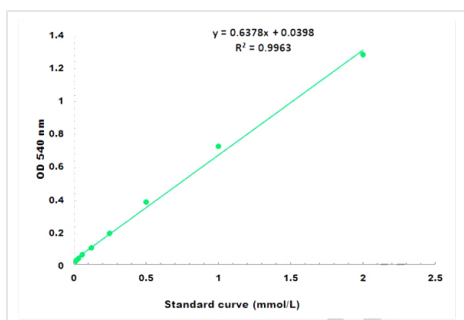
PRODUCT SYNONYMS

Nitrite Reductase; Nitrite Reductase Microplate Assay Kit; Nitrite Reductase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	106
Samples	Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.02 mmol/L - 2 mmol/L
Applicable Applications for Nitrite Reductase assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Nitrite Reductase assay kit	Background: Nitrite reductase refers to any of several classes of enzymes that catalyze the reduction of nitrite. There are two classes of NIR's. A multi haem enzyme reduces NO ₂ ⁻ to a variety of products. Copper containing enzymes carry out a single electron transfer to produce nitric oxide. Nitrite Reductase Microplate Assay Kit is a sensitive assay for determining Nitrite Reductase activity in various samples. Nitrite reductase can reduce NO ₂ ⁻ to NO. NO ₂ ⁻ can react with dye reagent, and can be measured at a colorimetric readout at 540 nm. The reduction of NO ₂ ⁻ is proportional to the nitrite reductase activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1546503051
NCBI Official Full Name	Nitrite reductase

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/general-assay-kits/nitrite-reductase/264745>