

General Monodehydroascorbate Reductase Assay Kit | MDHAR assay kit

Monodehydroascorbate Reductase Microplate Assay Kit

CATALOG # AAA27838	REACTIVITY General	APPLICATIONS Functional Assay
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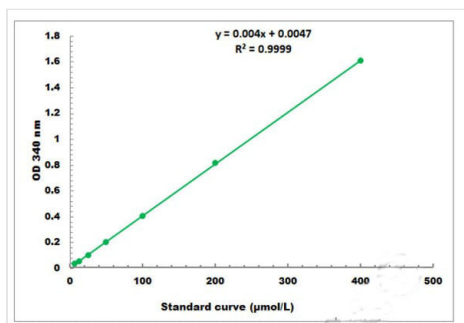
PRODUCT SYNONYMS

Monodehydroascorbate Reductase; Monodehydroascorbate Reductase Microplate Assay Kit; EC 1.6.5.4; Monodehydroascorbate reductase; MDAR; MDHAR assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	491
Samples	Tissue extracts, Cell lysate Samples
Detection Range	4 $\mu\text{mol/L}$ - 400 $\mu\text{mol/L}$
Applicable Applications for MDHAR assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDHAR assay kit	Background: In plants, the monodehydroascorbate reductase (MDAR) is an enzymatic component of the glutathione-ascorbate cycle that is one of the major antioxidant systems of plant cells for the protection against the damages produced by reactive oxygen species (ROS). The MDAR activity has been described in several cell compartments, such as chloroplasts, cytosol, mitochondria, glyoxysomes, and leaf peroxisomes. The assay is initiated with the enzymatic catalysis of the NADH by MDAR. NADH can be measured at a colorimetric readout at 340 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	806776516
NCBI GeneID	778288
NCBI Accession #	NP_001234013.2

NCBI GenBank Nucleotide #	NM_001247084.2
NCBI Official Full Name	monodehydroascorbate reductase
NCBI Official Symbol	MDHAR
NCBI Official Synonym Symbols	MDAR
NCBI Protein Information	monodehydroascorbate 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.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/monodehydroascorbate-reductase/27838>