

General Dehydroascorbate Reductase Assay Kit | DHAR2 assay kit

Dehydroascorbate Reductase Microplate Assay Kit

CATALOG # AAA261598	REACTIVITY General	APPLICATIONS Functional Assay
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PRODUCT SYNONYMS

Dehydroascorbate Reductase; Dehydroascorbate Reductase Microplate Assay Kit; EC 2.5.1.18; DHAR; DHAR2 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	268
Samples	Tissue extracts, Cell lysate Samples
Applicable Applications for DHAR2 assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for DHAR2 assay kit	Background: Plant dehydroascorbate reductase (DHAR) is a physiologically important reducing enzyme in the ascorbate glutathione recycling reaction. DHA must be converted to AsA by DHAR in the presence of glutathione (GSH) as a reducing agent. Thus, DHAR is a key factor in maintaining a reduced AsA level in the adaptation to environmental conditions. The assay is initiated with the enzymatic catalysis of the GSH by DHAR. The enzyme catalysed reaction products AsA can be measured at a colorimetric readout at 265 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	927928754
NCBI GeneID	778343
NCBI Accession #	NP_001234224.2
NCBI GenBank Nucleotide #	NM_001247295.3
NCBI Official Full Name	dehydroascorbate reductase
NCBI Official Symbol	DHAR2
NCBI Protein Information	dehydroascorbate 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/dehydroascorbate-reductase/261598>