

General Ascorbate Peroxidase Assay Kit | POD1 assay kit

Ascorbate Peroxidase Microplate Assay Kit

CATALOG # AAA261597	REACTIVITY General	APPLICATIONS Functional Assay
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PRODUCT SYNONYMS

Ascorbate Peroxidase; Ascorbate Peroxidase Microplate Assay Kit; EC 1.11.1.11; APX; Ascorbic acid peroxidase; POD1 assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	250
Samples	Tissue extracts, Cell lysate Samples
Applicable Applications for POD1 assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for POD1 assay kit	Background: Ascorbate peroxidase is a hydrogen peroxide-scavenging enzyme that is specific to plants and algae and is indispensable to protect chloroplasts and other cell constituents from damage by hydrogen peroxide and hydroxyl radicals produced from it. The assay is initiated with the enzymatic oxidation of AsA by APX. AsA can be measured at a colorimetric readout at 290nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226533502
NCBI GeneID	100286773
NCBI Accession #	NP_001152746.1
NCBI GenBank Nucleotide #	NM_001159274.1
NCBI Official Full Name	ascorbate peroxidase
NCBI Official Symbol	POD1
NCBI Protein Information	ascorbate peroxidase

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://stage.aaabiotech.com/general-assay-kits/ascorbate-peroxidase/261597>