

General Superoxide Dismutase Assay Kit | sodA assay kit

Superoxide Dismutase Assay Kit

CATALOG # AAA105417	REACTIVITY General	APPLICATIONS Functional Assay
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PRODUCT SYNONYMS

Superoxide Dismutase; Superoxide Dismutase Assay Kit; sodA assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	204
Applicable Applications for sodA assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

ADDITIONAL INFORMATION

Related Product Information for sodA assay kit	Background/Introduction: Superoxide dismutase (SOD) is one of the most important antioxidative enzymes. It catalyzes the dismutation of the superoxide anion into hydrogen peroxide and molecular oxygen. The sensitive SOD assay kit utilizes WST-1 that produces a water-soluble formazan dye upon reduction with superoxide anion. The rate of the reduction with a superoxide anion is linearly related to the xanthine oxidase (XO) activity, and is inhibited by SOD (below). Therefore, the inhibition activity of SOD can be determined by a colorimetric method.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	217184
Molecular Weight	22,905 Da
NCBI Official Full Name	superoxide dismutase
UniProt Protein Name	Superoxide dismutase [Mn]
UniProt Gene Name	sodA
UniProt Entry Name	SODM_THEAQ

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/superoxide-dismutase/105417>