

General Lipoyxygenase Assay Kit

Lipoyxygenase Microplate Assay Kit

CATALOG # AAA264800	REACTIVITY General	APPLICATIONS Functional Assay
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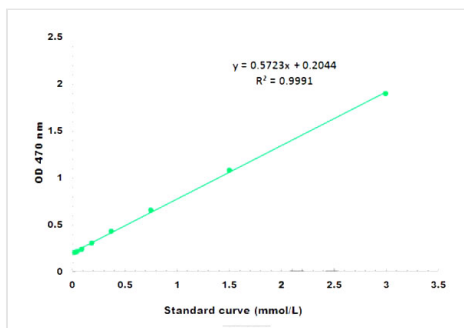
PRODUCT SYNONYMS

Lipoyxygenase; Lipoyxygenase Microplate Assay Kit; Lipoyxygenase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Tissue extracts, Cell lysate, Cell culture media, Other biological fluids Samples
Detection Range	0.03 mmol/L - 3 mmol/L
Applicable Applications for Lipoyxygenase 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 Lipoyxygenase assay kit

Background: Lipoyxygenases (EC 1.13.11.-) are a family of (non-heme) iron-containing enzymes most of which catalyze the dioxygenation of polyunsaturated fatty acids in lipids containing a cis,cis-1,4- pentadiene into cell signaling agents that serve diverse roles as autocrine signals that regulate the function of their parent cells, paracrine signals that regulate the function of nearby cells, and endocrine signals that regulate the function of distant cells. Lipoyxygenase Microplate Assay Kit is based on oxidation of substrate to iodine. The intensity of the product color, measured at 470 nm, is proportional to the Lipoyxygenase activity in the sample.

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.