

Lipoxygenase Activity Assay Kit

Cat. No. KITZ-059 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Lipoxygenase (LOX) is widely found in plant tissues, especially in seeds with high oil content such as soybean. LOX catalyzes the oxidation of unsaturated fatty acids, leading to membrane lipid peroxidation. It plays an important role in plant growth and development, maturation and senescence and stress. LOX can catalyze linoleic acid oxidation, the oxidation product has the specific absorption peak at 280 nm. The activity of LOX can be calculated by measuring the change of absorbance value at 280 nm.
Size	48T(46 samples)/96T(94 samples)
Storage	2-8°C
Shipping	Ice pack
Kit Components	Extraction Solution Buffer Solution Substrate UV Microplate Plate Sealer
Materials Required but Not Supplied	Instruments: Microplate reader (270-290 nm, optimum wavelength: 280 nm), Incubator (37°C) Reagents: Double distilled water

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