

General Acetolactate Synthase Assay Kit

Acetolactate Synthase Microplate Assay Kit

CATALOG # AAA27891	REACTIVITY General	APPLICATIONS Functional Assay
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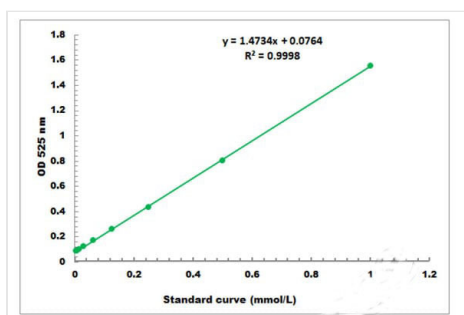
PRODUCT SYNONYMS

Acetolactate Synthase; Acetolactate Synthase Microplate Assay Kit; EC 2.2.1.6; alpha-acetohydroxy acid synthetase; alpha-acetohydroxyacid synthase; alpha-acetolactate synthase; alpha-acetolactate synthetase; acetohydroxy acid synthetase; acetohydroxyacid synthase; acetolactate pyruvate-lyase (carboxylating); acetolactic synthetase; Acetolactate Synthase assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Sequence Length	163
Samples	Tissue extracts, Cell lysate, Cell culture media, Other biological fluids Samples
Applicable Applications for Acetolactate Synthase assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acetolactate Synthase assay kit	Background: The acetolactate synthase (EC 2.2.1.6), also known as acetohydroxy acid synthase, or AHAS, is a protein found in plants and micro-organisms. ALS catalyzes the first step in the synthesis of the branched-chain amino acids (valine, leucine, and isoleucine). Acetolactate Synthase Microplate Assay Kit is a sensitive assay for determining acetolactate synthase activity in various samples. Acetolactate synthase activity is determined by the product of acetoin. The increase in absorbance at 525 nm is directly proportional to the enzyme activity. Principle of the Assay: 0.01 mmol/L - 1 mmol/L
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NCBI AND UNIPROT INFORMATION

NCBI GI #	119671858
NCBI Official Full Name	acetolactate synthase

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/acetolactate-synthase/27891>