

Acetyl Coenzyme A (Acetyl-CoA) Assay Kit | Acetyl-CoA assay kit

Acetyl Coenzyme A (Acetyl-CoA) Fluorometric Assay Kit

CATALOG #
AAA179671

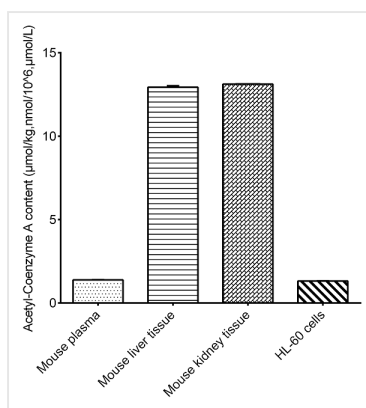
PRODUCT SYNONYMS

Acetyl Coenzyme A (Acetyl-CoA); Acetyl Coenzyme A (Acetyl-CoA) Fluorometric Assay Kit; Acetyl-CoA assay kit

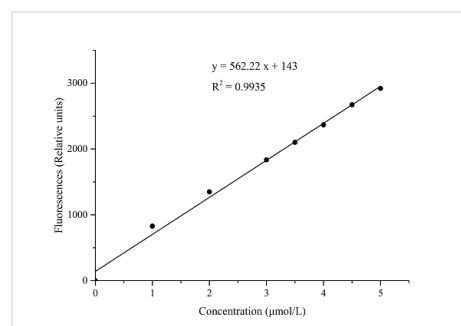
PRODUCT SPECIFICATIONS

Detection Type	Fluorescence
Result Type	Quantitative
Samples	Serum, Plasma, Animal tissue, Cell
Detection Range	0.27-5.00umol/L
Sensitivity	0.27umol/L
Precision	Intra-assay CV: 1.7-4.1% Inter-assay CV: 2.7-3.6%
Detection Instrument	Fluorescence microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for Acetyl-CoA assay kit

Acetyl-CoA is an essential cofactor and acyl carrier in the enzymatic acetyl transfer reaction. It can be formed by oxidative decarboxylation of pyruvate in mitochondria, oxidation of long-chain fatty acids, or oxidative degradation of certain amino acids. Acetyl-CoA is the starting compound of the citric acid cycle. The detection principle of this kit is that Acetyl-CoA is converted into other substances under the condition of enzyme catalysis, and the resulting fluorescence is detected by fluorescence microplate reader at the maximum excitation wavelength of 535nm and the maximum emission wavelength of 587nm.

Product Categories/Family for Acetyl-CoA assay kit

Metabolism assay; Cell Metabolism Assays; Tricarboxylic Acid (TCA) Cycle

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/assay-kits/acetyl-coenzyme-a-acetyl-coa/179671>