

Aconitase (ACO) Activity Assay Kit | ACO assay kit

Micro Aconitase (ACO) Activity Assay Kit

CATALOG #
AAA332608

PRODUCT SYNONYMS

Aconitase (ACO) Activity; Micro Aconitase (ACO) Activity Assay Kit; ACO assay kit

PRODUCT SPECIFICATIONS

Samples	Animal and Plant Tissues, Cells, Serum, Plasma
Notes	Micro Aconitase (ACO) Activity Assay Kit provides a convenient tool for sensitive detection of the Aconitase (ACO) Activity
Preparation and Storage	Store at -20 degree C and keep from light immediately upon receipt. Kit has a storage time of 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components.

ADDITIONAL INFORMATION

Related Product Information for ACO assay kit	Principle of the Assay: Aconitase (ACO), an enzyme in the tricarboxylic acid cycle, catalyzes the conversion of citric acid to isocitrate. Citric acid itself is not easy to be oxidized. Under the action of aconitase, the hydroxyl group is transferred from the beta carbon atom to the alpha carbon atom through the reaction of dehydration and water addition to generate isocitric acid that is easy to deoxidize, for further oxidizedecarboxylation reaction be prepared. CheKine™ Micro Aconitase (ACO) Activity Assay Kit provides a simple, convenient and rapid ACO activity detection method, which is suitable for the detection of animal tissues, plant tissues, cells, serum, plasma and other samples. The principle is that ACO catalyzes the conversion of citric acid into isocitrate, and the oxidative decarboxylation of isocitrate reduces NAD ⁺ to NADH, resulting in an increase in light absorption at 340 nm.
Product Categories/Family for ACO assay kit	Cell Metabolism; Biochemical Assay Kit; Biochemical Kit; Cytology

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/aconitase-aco-activity/332608>