

Diamine Oxidase (DAO) Assay Kit | DAO assay kit

Diamine Oxidase (DAO) Activity Colorimetric Assay Kit

CATALOG #
AAA332466

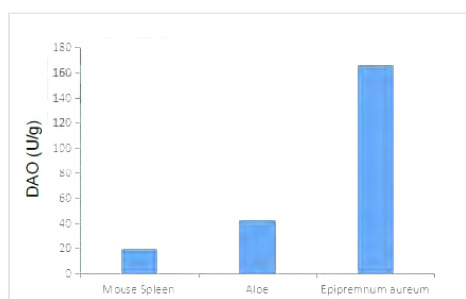
PRODUCT SYNONYMS

Diamine Oxidase (DAO); Diamine Oxidase (DAO) Activity Colorimetric Assay Kit; Amine oxidase; copper-containing 1; AOC1; Histaminase; DAO assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, Plasma, Animal and Plant Tissues, Cells, Cell Supernatant, Bacteria, Urine
Preparation and Storage	Store at 4 degree C and keep from light immediately upon receipt. Kit has a storage time of est. 6 months from receipt. Refer to list of materials supplied for storage conditions of individual components. Shipping: Gel pack with blue ice.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAO assay kit	Principle of the Assay: DAO (EC1.4.3.6) is widely found in animals (intestinal mucosa, lung, liver, kidney, etc.), plants and microorganisms. It catalyzes the oxidation of diamines to aldehydes. Its activity is closely related to nucleic acid and protein synthesis, and can reflect the integrity and injury degree of intestinal mechanical barrier. CheKine™ Micro Diamine Oxidase (DAO) Activity Assay Kit provides a convenient tool for detection of DAO Activity. The principle is that DAO catalyzes 1,5-pentanediamine to produce aldehyde and hydrogen peroxide. The oxidation of o-Dianisidine(3,3'-Dimethoxybenzidine) with hydrogen peroxide to produce colored substances was catalyzed by exogenous Horseradish peroxidase, the colored substances have a maximum absorption peak detected at about 460 nm. The enzyme activity of DAO was calculated by detecting the rate of increase in absorption at 460 nm. The kit can detect serum (plasma), animal and plant tissues, cells, bacteria, cell supernatants, urine and other samples.
Product Categories/Family for DAO assay kit	Cell Metabolism; Biochemical Assay Kit

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.