

Monoamine Oxidase (MAO) Assay Kit | MAO assay kit

Monoamine Oxidase (MAO) Activity Colorimetric Assay Kit

CATALOG #
AAA332483

PRODUCT SYNONYMS

Monoamine Oxidase (MAO); Monoamine Oxidase (MAO) Activity Colorimetric Assay Kit; MAO assay kit

PRODUCT SPECIFICATIONS

Samples	Serum, Plasma, Animal and Plant Tissues, Cells, Bacteria
Features & Benefits	Determination of MAO activity in a variety of biological samples such as serum, plasma, tissues, cells, bacteria, plants and Fungi. Detailed sample preparation and result calculation methods are provided. Simple operation steps.
Usage Notes	96 Well Clear Flat Bottom UV-Transparent Microplate is needed. Do not mix or substitute reagents or materials from other kit lots or vendors. The sample preparation must be done on ice to prevent the enzyme inactivation, and the enzyme activity should be determined on the same day. avoid repeated freeze-thaw. Ensure all reagents and equipment are at the appropriate temperature before starting the assay.
Preparation and Storage	Storage at -20 degree C and protected from light upon receipt. Kit has a storage time of 12 months form receipt. Shipping: Gel pack with blue ice.

ADDITIONAL INFORMATION

Related Product Information for MAO assay kit	Principle of the Assay: MAO (EC1.4.3.4) mainly exists in various organs of vertebrates, especially secretory glands, brain and liver. It also exists in plants such as invertebrates and legumes. Although the content of MAO is low in vivo, it has important physiological functions and its activity can reflect the degree of liver fibrosis. In addition, the abnormal activity of MAO leads to the disorder of the monoamine neurotransmitter in the cell, which leads to a variety of diseases. CheKine™ Monoamine Oxidase (MAO) Activity Colorimetric Assay Kit provides a simple method for detecting MAO activity in a variety of biological samples such as Serum, Plasma, Animal and Plants Tissues, Cells, Bacteria. In the assay, MAO catalyzes the deamination of monoamine substrates to the corresponding aldehydes, which are further oxidized to acid. The substrate has a characteristic absorption peak at 360 nm. The rate of monoamine substrates decrease at 360 nm can reflect MAO activity.
Product Categories/Family for MAO assay kit	Cell Metabolism

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/monoamine-oxidase-mao/332483>