Fluorescent Monoamine Oxidase Kit

PRODUCT OVERVIEW

Product Name	Fluorescent Monoamine Oxidase, Kit
Full Product Name	Fluorescent Monoamine Oxidase Detection Kit
Product Synonym Names	Fluoro MAO (Monoamine Oxidase)
Preparation and Storage	Store contents as labeled Shipping: Blue Ice/Gel Packs
Method of Analysis	Fluorescence plate reader
Product Categories/Family for Fluorescent Monoamine Oxidase kit	Metabolic Assay
Related Product Information for Fluorescent Monoamine Oxidase kit	Principle of the Assay: The Fluoro MAO-A/B assay kit utilizes a non-fluorescent detection reagent to measure H2O2 released from the conversion of a substrate to its aldehyde via MAO-A/B. Furthermore H2O2 oxidizes the detection reagent in a 1:1 stoichiometry to produce a fluorescent product resorufin. This oxidation is catalyzed by Peroxidase. The fluorescent monoamine oxidase detection kit can be used to monitor MAO activity and the screening of MAO inhibitors.
Product References and Citations for Fluorescent Monoamine Oxidase kit	Gealageas, R., et al. 2018. Development of Novel Monoamine Oxidase-B (MAO-B) Inhibitors with Reduced Blood-Brain Barrier Permeability for the Potential Management of Noncentral Nervous System (CNS) Diseases. J Med Chem, 7043-7064.
Other Notes	Small volumes of Fluorescent Monoamine Oxidase kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for Fluorescent Monoamine Oxidase purchase	MBS258440 is a kit targeting Fluorescent Monoamine Oxidase. Also known as Fluorescent Monoamine Oxidase Detection Kit.

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Online datasheet: https://www.mybiosource.com/kits/fluorescent-monoamine-oxidase/258440