

PRODUCT DATA SHEET

Fluoro MAO™ Monoamine Oxidase Activity Assay Kit

Description

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 Specifications

Kit Components:

1. 5x Reaction Buffer, pH 7.4 (Part# 3020)
2. Detection Reagent (Part# 4009)
3. Horseradish Peroxidase (Part# 6007)
4. MAO-B Substrate, Benzylamine (Part# 7006)
5. MAO-A/B Substrate, Tyramine (Part# 7005)
6. Pargyline: Monoamine Oxidase B Inhibitor (Part# 7003)
7. Clorgyline: Monoamine Oxidase A Inhibitor (Part# 7002)

Application: Fluorescence plate reader

Shipping: SHIPPED ON BLUE ICE

Long Term Storage: Store contents as labeled

Upon Arrival: Store contents as labeled

Catalog Number/Sizes

Catalog #	Size (tests)
FLMAO100-3	500

Rev.: 01/2011

FOR RESEARCH USE ONLY.

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