

Fluorescent Semicarbazide-Sensitive Amine Oxidase Detection Kit

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CATALOG #
AAA52797

PRODUCT SYNONYMS

Fluorescent Semicarbazide-Sensitive Amine Oxidase; Fluorescent Semicarbazide-Sensitive Amine Oxidase Detection Kit; Fluoro SSAO; Fluorescent Semicarbazide-Sensitive Amine Oxidase detection kit

PRODUCT SPECIFICATIONS

Method of Analysis	Fluorescence plate reader
Preparation and Storage	Store contents as labeled Shipping: Blue Ice/Gel Packs

ADDITIONAL INFORMATION

Related Product Information for Fluorescent Semicarbazide-Sensitive Amine Oxidase detection kit	Principle of the Assay: SSAO's functional role has been suggested to be involved in: apoptosis, atherogenesis, cell adhesion, leucocyte trafficking, glucose transport and local production of hydrogen peroxide. Elevated levels of SSAO have been reported in congestive heart failure, diabetes mellitus, Alzheimer's disease and various other inflammatory diseases. In addition, by products of SSAO deamination, such as formaldehyde and methylglyoxal, have been proposed to be involved in pathogenesis of cancer, aging and atherosclerosis. The Fluoro SSAO detection kit utilizes a non- fluorescent detection reagent to measure H ₂ O ₂ released from the conversion of Benzylamine to Benzaldehyde via SSAO. Furthermore, H ₂ O ₂ oxidizes the detection reagent in a 1:1 stoichiometry to produce a fluorescent product resorufin. This oxidation is catalyzed by Peroxidase.
Product Categories/Family for Fluorescent Semicarbazide-Sensitive Amine Oxidase detection kit	Metabolic Assay

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/detection-kits/fluorescent-semicarbazide-sensitive-amine-oxidase/52797>