

Hydrogen Peroxide Detection/Peroxidase Detection Kit

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CATALOG #
AAA52788

PRODUCT SYNONYMS

Hydrogen Peroxide Detection/Peroxidase; Hydrogen Peroxide Detection/Peroxidase Detection Kit; Fluoro H₂O₂; Hydrogen Peroxide Detection/Peroxidase detection kit

PRODUCT SPECIFICATIONS

Method of Analysis	Fluorescence plate reader
Preparation and Storage	Store at 2-8 degree C Shipping: Blue Ice/Gel Packs

ADDITIONAL INFORMATION

Related Product Information for Hydrogen Peroxide Detection/Peroxidase detection kit	Principle of the Assay: The Fluoro H ₂ O ₂ detection kit utilizes a non-fluorescent detection reagent to measure H ₂ O ₂ . H ₂ O ₂ oxidizes the detection reagent to produce a fluorescent product, resorufin which is catalyzed by peroxidase in a homogeneous no wash assay system. The detection reagent can be utilized to measure H ₂ O ₂ release from cells or enzyme coupled reactions.
Product Categories/Family for Hydrogen Peroxide Detection/Peroxidase detection kit	Cell Viability Assay
References	Ola, M.S., et al. 2021. Does Hyperglycemia Cause Oxidative Stress in the Diabetic Rat Retina. Cells, 794. Zhu, Y, et al. 2019. Novel dihydroartemisinin dimer containing nitrogen atoms inhibits growth of endometrial cancer cells and may correlate with increasing intracellular peroxynitrite. Scientific Reports, 15528. Tripathi, J.K., et al. 2018. Oxidant sensor cation channel TRPM2 regulates neutrophil extracellular trap formation and protects against pneumoseptic bacterial infection. The FASEB Journal, fj201800605.

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/hydrogen-peroxide-detection-peroxidase/52788>