

Highly Reactive Oxygen Species (hROS) Detection Kit | hROS detection kit

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CATALOG #
AAA52779

PRODUCT SYNONYMS

Highly Reactive Oxygen Species (hROS); Highly Reactive Oxygen Species (hROS) Detection Kit; HROS Detection Kit; hROS 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 hROS detection kit	Principle of the Assay: Aminophenyl fluorescein (APF), developed by Tetsuo Nagano, is a general selective indicator for the detection of highly Reactive Oxygen Species (hROS). The probe has little reactivity towards other ROS such as: singlet oxygen (O_2^1), superoxide ($O_2^{\bullet -}$), hydrogen peroxide (H_2O_2), nitric oxide ($NO^{\bullet}$), and alkyl peroxide ($RO_2^{\bullet}$). APF is a cell permeable indicator that can be used to detect Hydroxyl Radical ($\bullet OH$), Peroxynitrite: ($ONOO^-$) and hypochlorite ($-OCl$) production in cells.
Product Categories/Family for hROS detection kit	Cell Viability 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/highly-reactive-oxygen-species-hros/52779>