

Reactive Oxygen Species Assay Kit

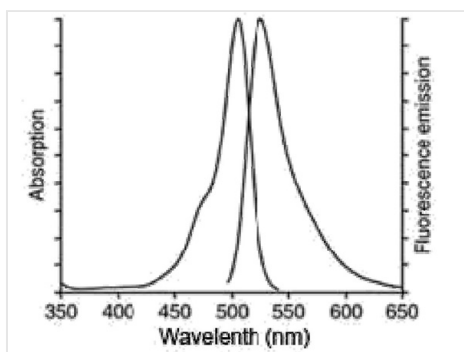
Reactive Oxygen Species Assay Kit

CATALOG #
AAA269068

PRODUCT SYNONYMS

Reactive Oxygen Species; Reactive Oxygen Species Assay Kit; Reactive Oxygen Species assay kit

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Reactive Oxygen Species assay kit

Background: The Reactive Oxygen Species Assay Kit is a kit for detecting reactive oxygen species using the fluorescent probe DCFH-DA. DCFH-DA itself has no fluorescence and can pass through the cell membrane freely. After entering the cell, it can be hydrolyzed by intracellular esterase to form DCFH. DCFH does not penetrate the cell membrane, making it easy for the probe to be loaded into the cell. Reactive oxygen species in the cells can oxidize non-fluorescent DCFH to produce fluorescent DCF. The level of reactive oxygen species in the cells can be known by detecting the fluorescence of the DCF. The kit provides a reactive oxygen positive control reagent, Rosup, for the detection of reactive oxygen species. Rosup is a mixture at a concentration of 50 mg/mL. The kit has a low background, high sensitivity, wide linear range and convenient use. This kit can measure 100 to 500 samples.

Product Categories/Family for Reactive Oxygen Species assay kit

Fluorescence Dye

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://www.aaabiotech.com/assay-kits/reactive-oxygen-species/269068>