

Intracellular Total ROS Activity Assay Kit (Green Fluorescence)

Catalog # KA4074

Size 1 Kit

Applications

Detection of ROS in Jurkat cells.

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Jurkat cells were seeded on the same day at 300,000 cells/100uL/well in a Costar black wall/clear bottom 96-well plate. The ROS assay loading solution (100 uL/well) was added and incubated in a 5% CO₂, 37°C incubator for 1 hour. And then the cells were treated with 1mM, 0.1mM H₂O₂ or without H₂O₂ for 30 minutes. The fluorescence signal was monitored at Ex/Em = 490/525 nm (cutoff at 515 nm) with bottom read mode using FlexStation (Molecular Devices).

Specification

Product Description	Intracellular Total ROS Activity Assay Kit (Green Fluorescence) is used for the measurement of intracellular total ROS activity.
Suitable Sample	Live Cells
Excitation/ Emission (nm)	490/525 nm
Detection Method	Fluorometric
Instrument Platform	Fluorescence Microplate Reader
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit in desiccated environment at -20°C and avoid from light.

Note

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Applications

- Quantification