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## Product Datasheet

### Intracellular Total ROS Activity Assay BYT-ORB1409908

Artikelname	Intracellular Total ROS Activity Assay
Artikelnummer	BYT-ORB1409908
Hersteller Artikelnummer	orb1409908
Alternativnummer	BYT-ORB1409908-100
Hersteller	Biorbyt
Kategorie	Sonstiges
Produktbeschreibung	The Intracellular Total ROS Activity Assay enables the screening of oxidative stress inhibitor and activator reagents for potency. The assay assesses the overall level of intracellular ROS activity. Analyze using a flow cytometer....
Proben	Cell culture
Anwendungsbeschreibung	Application Notes: 1. Prepare samples and controls., 2. Dilute 10X Cellular Assay Buffer 1:10 with diH2O., 3. Reconstitute FAM-FLICA with 50 µL DMSO., 4. Dilute FAM-FLICA 1:5 by adding 200 µL PBS., 5. Add diluted FAM-FLICA to each sample at 1:30-1:60 (e.g., spike at 1:30 by adding 10 µL to 290 µL sample)., 6. Incubate approximately 1 hour., 7. Remove media and wash cells 3 times: add 1X Cellular Wash Buffer and spin cells., 8. If desired, label with additional stains, such as Hoechst 33342, Propidium Iodide, 7-AAD, or an antibody., 9. If desired, fix cells., 10. Analyze with a fluorescence microscope, fluorescence plate reader, or flow cytometer. FAM-FLICA excited at 492 nm and emits at 520 nm