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Product Datasheet

Intracellular Total ROS Activity Assay BYT-ORB1409908

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| Article Name | Intracellular Total ROS Activity Assay |
| Biozol Catalog Number | BYT-ORB1409908 |
| Supplier Catalog Number | orb1409908 |
| Alternative Catalog Number | BYT-ORB1409908-100 |
| Manufacturer | Biorbyt |
| Category | Sonstiges |
| Product Description | 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.... |
| Samples | Cell culture |
| Application Notes | 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 |