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Product Datasheet

Advanced Calcein AM Cell Viability Kit BYT-ORB1409898

Artikelname	Advanced Calcein AM Cell Viability Kit
Artikelnummer	BYT-ORB1409898
Hersteller Artikelnummer	orb1409898
Alternativnummer	BYT-ORB1409898-25
Hersteller	Biorbyt
Kategorie	Sonstiges
Produktbeschreibung	This kit combines Calcein AM with 7-AAD to allow for easy and simultaneous labeling of live, membrane compromised, and dead cells within a single sample. Samples can be analyzed using a flow cytometer or fluorescent microscope....
Proben	Cell culture

Anwendungsbeschreibung

Application Notes: 1. Prepare samples and controls in 0.5 mL 1X Assay Buffer or buffer of choice at a cell density between $3-5 \times 10^5$ cells/mL. If samples were cultured in serum-containing medium, wash the samples prior to adding the DAF-2DA dye., 2. Prepare DAF-2DA staining solution by adding 56 μ L DAF-2DA to 444 μ L water. This is sufficient volume to stain 50 x 0.5 mL or 100 x 0.25 mL samples., 3. Pre-load samples with DAF-2DA staining solution by adding 10 μ L into 490 μ L cultured cells, or 5 μ L into 245 μ L cultured cells., 4. Incubate 1 hour at 37C., 5. Wash samples at least once with 1X Assay Buffer to remove excess dye, and then resuspend in 1X Assay Buffer., 6. Treat cells with test compounds for desired period of time to induce NOS production. Keep cells protected from light., 7. Analyze with a flow cytometer, fluorescence plate reader, or fluorescence microscope. DAF-2DA excites at 488 nm and emits at 515 nm