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Product Datasheet

Necrosis vs Apoptosis Assay Kit BYT-ORB1409904

Article Name	Necrosis vs Apoptosis Assay Kit
Biozol Catalog Number	BYT-ORB1409904
Supplier Catalog Number	orb1409904
Alternative Catalog Number	BYT-ORB1409904-100
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	This kit simultaneously detects both cell death due to both apoptosis and necrosis. It can be used to assess the effects of novel therapeutic agents on cell health. Analyze the fluorescent signal using fluorescence microscopy or flow cytometry....
Samples	Cell culture
Application Notes	Application Notes: 1. Prepare samples and controls., 2. Dilute 10X Apoptosis Wash Buffer 1:10 with diH2O., 3. Reconstitute FLICA with 50 µL DMSO., 4. Dilute FLICA 1:5 by adding 200 µL PBS., 5. Add diluted FLICA to each sample at 1:30 - 1:60. For example, to stain at 1:30, add 10 µL to 290 µL of cultured cells. To stain at 1:60, add 5 µL to 295 µL of cultured cells., 6. Incubate approximately 1 hour., 7. Remove media and wash cells 3 times: add 1X Apoptosis Wash Buffer and spin cells., 8. If desired, label with additional stains, such as Hoechst, 7-AAD, or an antibody., 9. If desired, fix or embed cells., 10. Analyze with a fluorescence microscope, fluorescence platereader, or flow cytometer. SR-FLICA excites at 550-580 nm and emits at 590-600 nm