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Product Datasheet

Necrosis vs Apoptosis Assay Kit BYT-ORB1409905

Article Name	Necrosis vs Apoptosis Assay Kit
Biozol Catalog Number	BYT-ORB1409905
Supplier Catalog Number	orb1409905
Alternative Catalog Number	BYT-ORB1409905-50
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 Apoptosis Wash Buffer 1:10 with diH2O., 3. Reconstitute FAM-VAD-FMK with 50 µL DMSO., 4. Dilute FLICA 1:5 by adding 200 µL PBS., 5. Add diluted FLICA to each sample at 1:30 (e.g., add 10 µL of diluted FLICA to 290 µL of sample)., 6. Incubate approximately 1 hour., 7. Remove media, then wash cells: add 1X Apoptosis Wash Buffer and spin cells (twice)., 8. Resuspend samples in 400 µL 1X Apoptosis Wash Buffer, 9. Reconstitute 7-AAD with 260 µL DMSO, 10. Add 7-AAD to each sample at 1:200 (e.g., add 2 µL to 400 µL of sample), 11. Analyze with a fluorescence microscope or flow cytometer. FAM-VAD-FMK excites at 492 nm and emits at 529 nm. 7-AAD excites at 546 nm and emits at 647 nm