

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### FAM-Leu-DAP Green FLISP Assay Kit BYT-ORB1409927

Article Name	FAM-Leu-DAP Green FLISP Assay Kit
Biozol Catalog Number	BYT-ORB1409927
Supplier Catalog Number	orb1409927
Alternative Catalog Number	BYT-ORB1409927-100
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	Quantify intracellular active chymotrypsin-like serine protease activity in vitro. The DAP group phosphorylates the active site serine residue. Analyze your samples using a flow cytometer, fluorescence microscope, or fluorescence plate reader....
Samples	Cell culture, tissue
Application Notes	Application Notes: 1. Prepare samples and controls, 2. Dilute Assay Buffer 1:10 with diH2O and filter sterilize., 3. Reconstitute CFSE with 200 µL DMSO and dilute 1:250 with 1X Assay Buffer., 4. Add 200 µL CFSE to target cells to stain them green and incubate 15 minutes at room temperature., 5. Wash target cells and adjust cell concentration., 6. Add effector cells to target cells., 7. Reconstitute 7-AAD with 260 µL DMSO and dilute 1:10 with 1X Assay Buffer., 8. Add 20 µL 7-AAD to label necrotic cells red and incubate 10 minutes on ice., 9. Run controls and analyze with a flow cytometer. Identify target cells by analyzing FL-1 (green) vs. FL-3 (red). CFSE excites at 492 nm and emits at 520-540 nm, 7-AAD excites at 546 nm and emits at 647 nm