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## Product Datasheet

### Autophagy Assay - Red Fluorescent BYT-ORB1409895

Article Name	Autophagy Assay - Red Fluorescent
Biozol Catalog Number	BYT-ORB1409895
Supplier Catalog Number	orb1409895
Alternative Catalog Number	BYT-ORB1409895-200
Manufacturer	Biorbyt
Category	Sonstiges
Product Description	For the detection and monitoring the in vitro development of autophagy in living cells. The autophagy probe fluoresces red when inserted in the lipid membranes of autophagosomes and autolysosomes. Results can be read 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 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 (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. Resuspend cell pellet in 1X Cellular Wash Buffer., 9. If desired, label with additional stains, such as Hoechst 33342, DAPI, or an antibody., 10. If desired, fix cells., 11. Analyze with a fluorescence microscope or flow cytometer. FLICA 660 is excited at 660 nm and emits at 680-690 nm