

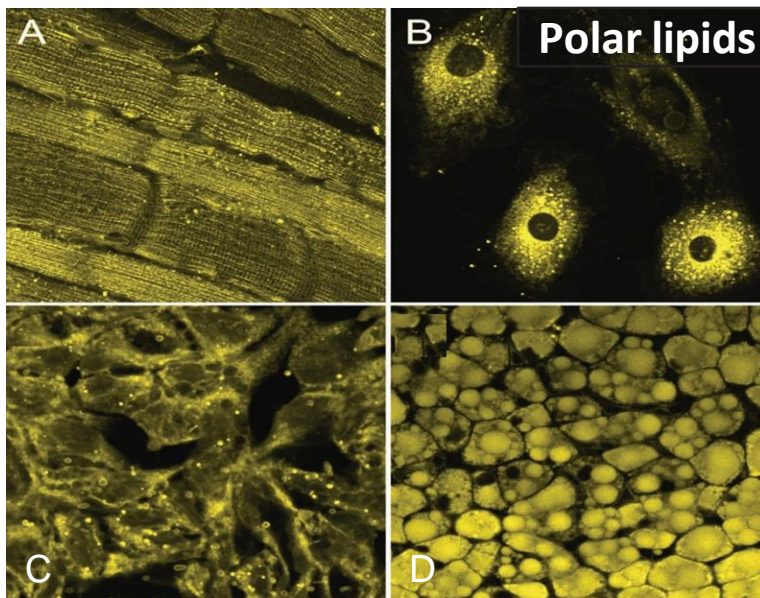
# Novel LipoFluor™ RTD™ Lipid Tracing Reagents

NEW

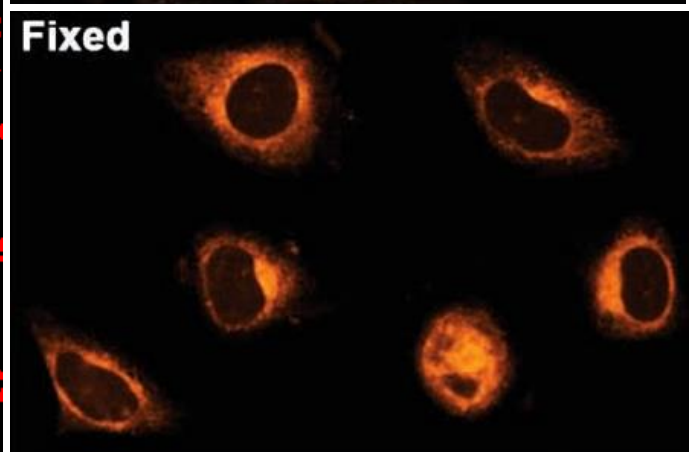
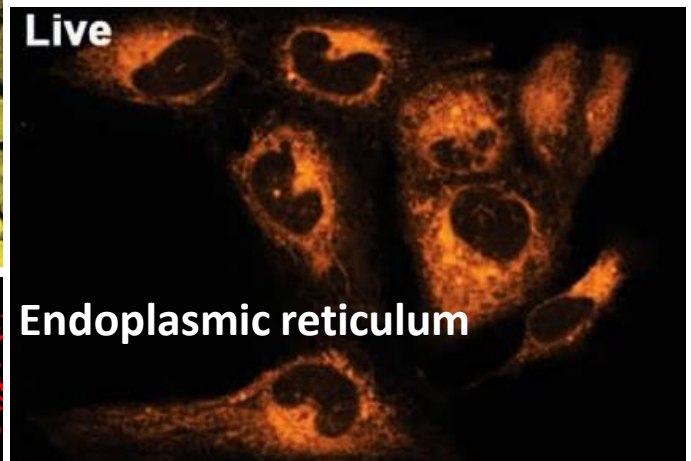
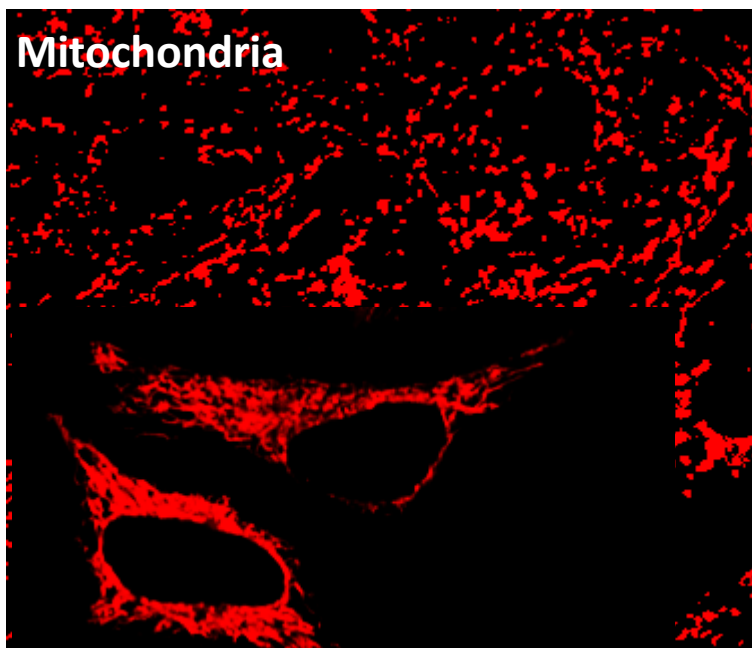


## Superb Fluorescent Lipid imaging!

Biosensis' new LipoFluor™ Ready-to-Dilute (RTD™) lipid imaging reagents make it simple to image polar lipids, endoplasmic reticulum, mitochondria, and lipid-rich compartments. These reagents are photostable, low cytotoxicity, and ideal for live and fixed samples.



Staining of lipids with Biosensis LipoFluor™ reagents: Polar lipid staining in whole fixes & cells, with LipoFluor-P1™ (left); ER staining of cells with LipoFluor-ER1™ (below); Mitochondria staining with LipoFluor\_MT™ (lower left).



# Novel LipoFluor™ RTD™ Lipid Tracing Reagents

**NEW**



## LipoFluor™ RTD™ Comparative Product Table

Catalog Number	TR-600-P1	TR-601-ER1	TR-602-MR	TR-603-P2
Product Name	Biosensis LipoFluor P1™ Polar Lipid Tracing Reagent	Biosensis LipoFluor ER-O™ Endoplasmic Reticulum Tracing Reagent	Biosensis LipoFluor Mito-R™ Mitochondria Tracing Reagent	Biosensis LipoFluor P2™ Polar Lipid and Endoplasmic Reticulum Tracing Reagent
Localization	Polar lipids	Endoplasmic Reticulum	Mitochondria	Polar lipid droplets & endoplasmic reticulum
Color	Yellow	Orange	Red	Red
Resistance to photo bleaching	High	High	High	High
Cytotoxicity	Low	Low	Low	Low
Excitation / Emission	UV or 450 nm / 550 nm	UV or 405 nm / 570 nm	UV or 405 nm / 600 nm	UV or 405 nm / 600 nm
Live cells & tissues	√	√	√	√
For fixed cells and tissues	√	√	Fixed only	√
Solubility: DMSO	√	√	√	√
Fast cellular uptake	√	√	√	√
Solubility: DMSO	√	√	√	√
Fluorescence & Multiphoton Microscopy	√	√	√	√
Raman & Infrared Spectroscopy	√	√	x	x
Storage & Transport	Room temperature	Room temperature	Room temperature	Room temperature

### Biosensis LipoFluor™ RTD™ Fluorescent Lipid Stains

Product Name	Catalog Number	Strength	Qty	Excitation	Color	# wells
LipoFluor-P1™	TR-600-P1	1:500-1,000	40 µL	UV or 450 nm	Gold	> 300
LipoFluor-ER1™	TR-601-ER1	1:500-1,000	40 µL	UV or 405 nm	Orange	> 300
LipoFluor-MR™	TR-602-MR	1:500-1,000	40 µL	UV or 405 nm	Red	> 300
LipoFluor-P2™	TR-603-P2	1:500-1,000	40 µL	UV or 405 nm	Red	> 300