



PG-Based Fluorescent Liposome, Dextran-pHrodo Red Encapsulated

Catalog: Lipo-035RG

PRODUCT INFORMATION

Name	PG-Based Fluorescent Liposome, Dextran-pHrodo Red Encapsulated
Cat No.	Lipo-035RG
Product Overview	pHrodo Red is a pH sensitive dye which increases in fluorescence as pH decreases from more neutral to acidic. Dextran-pHrodo Red conjugated liposomes are commonly used for detecting endocytosis and phagocytosis, respectively, as the dyes display little to no fluorescence outside the cell at neutral pH and upon internalization, emit a bright red or green signal due to the acidic environment of endosomes and phagosomes. Excitation/Emission (nm): 560/585
Lipid Composition	18:1 (?9-Cis) PG/DOPC/CHOL(2.0/5.0/3.0 mM) 18:1 (?9-Cis) PG: 1,2-dioleoyl-sn-glycero-3-phospho-(1'-rac-glycerol) (sodium salt)/CAS: 67254-28-8 DOPC: 1,2-dioleoyl-sn-glycero-3-phosphocholine/CAS: 4235-95-4 CHOL: Cholesterol/CAS: 57-88-5
Form	Liquid
Storage Buffer	20 mM HEPES, pH 7.4
Concentration	Lipid Concentration 10mM
Stability	2 months
Storage	2 °C to 8 °C (do not freeze)