



## PS-Based Fluorescent Liposome, Dextran-pHrodo Gree n Encapsulated

Catalog: Lipo-042RG

## PRODUCT INFORMATION

Name	PS-Based Fluorescent Liposome, Dextran-pHrodo Green Encapsulated
Cat No.	Lipo-042RG
Product Overview	pHrodo Green is a pH sensitive dye which increases in fluorescence as pH decreases from more neutral to acid ic. Dextran-pHrodo Green conjugated liposomes are commonly used for detecting endocytosis and phagocytos is, 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): 509/533
Lipid Composition	DOPS/DOPC/CHOL(2.0/5.0/3.0 mM) DOPS: 1,2-dioleoyl-sn-glycero-3-phospho-L-serine (sodium salt)/CAS: 90693-88-2 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)