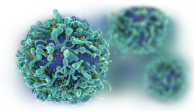


DiR Labeled Fluorescent Liposome, Control

Catalog: Lipo-025RG

DiR Labeled Fluorescent Liposome incorporate a lipophilic dye (DiR) inside their membranes. They are insoluble in water and the fluorescence is easily detected when incorporated into membranes. Excitation/Emission (nm): 750/780

PRODUCT INFORMATION

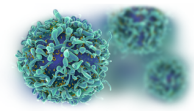
Product Name	DiR Labeled Fluorescent Liposome, Control
Catalog Number	Lipo-025RG
Product Overview	DiR Labeled Fluorescent Liposome incorporate a lipophilic dye (DiR) inside their membranes. They are insoluble in water and the fluorescence is easily detected when incorporated into membranes. Excitation/Emission (nm): 750/780
Lipid Composition	L-alpha-PC/CHOL(24.3/10.9, mol/mol)
Form	Liquid
Storage Buffer	PBS, pH 7.4
Concentration	Lipid Concentration 35.1mM
Stability	2 months
Storage	2 °C to 8 °C (do not freeze)

USAGE GUIDELINES

General Handling	Avoid excessive mixing or vortexing to prevent aggregation. Long-term storage above -80°C may result in aggregate formation. Thaw on ice before use.

45-1 Ramsey Road, Shirley, NY 11967, USA
info@creative-biostructure.com | Tel: 1-631-317-1417 | Fax: 1-631-207-8356

© Creative Biostructure. All Rights Reserved.



Storage	**Short term:** +2°C to +8°C (up to 1 week) **Long term:** -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

Important: This product is for **research use only**. Not intended for diagnostic or therapeutic applications. Please refer to the Safety Data Sheet (SDS) for complete handling and safety information.

45-1 Ramsey Road, Shirley, NY 11967, USA
info@creative-biostructure.com | Tel: 1-631-317-1417 | Fax: 1-631-207-8356

© Creative Biostructure. All Rights Reserved.