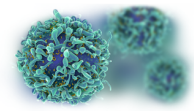

DiI Labeled Fluorescent Liposome, Control

Catalog: Lipo-023RG

DiI Labeled Fluorescent Liposome incorporate a lipophilic dye (DiI) inside their membranes. They are insoluble in water and the fluorescence is easily detected when incorporated into membranes. Excitation/Emission (nm): 549/565

PRODUCT INFORMATION

Product Name	DiI Labeled Fluorescent Liposome, Control
Catalog Number	Lipo-023RG
Product Overview	DiI Labeled Fluorescent Liposome incorporate a lipophilic dye (DiI) inside their membranes. They are insoluble in water and the fluorescence is easily detected when incorporated into membranes. Excitation/Emission (nm): 549/565
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.

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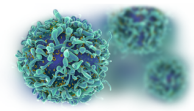

Storage	**Short term:** +2°C to +8°C (up to 1 week) **Long term:** -80°C (stable for 12 months)
Stability	Stable for 12 months at -80°C. Avoid repeated freeze-thaw cycles.
Freeze / Thaw	Can be frozen, but limit to ?3 freeze/thaw cycles to maintain particle integrity.

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.

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