

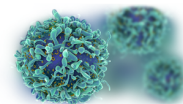
Neutral Clodronate Empty Control Liposomes

Catalog: CTN-004L

Lipid composition: phosphatidylcholine and cholesterol. Clodronate concentration: None.
This product of empty liposomes are made to match the physical and chemical attributes of the lyophilized Neutral Clodronate Liposomes without the active clodronate encapsulated. It should be used as a negative control for NCL-001L in macrophage depletion studies.

PRODUCT INFORMATION

Product Name	Neutral Clodronate Empty Control Liposomes
Catalog Number	CTN-004L
Product Overview	Lipid composition: phosphatidylcholine and cholesterol. Clodronate concentration: None. This product of empty liposomes are made to match the physical and chemical attributes of the lyophilized Neutral Clodronate Liposomes without the active clodronate encapsulated. It should be used as a negative control for NCL-001L in macrophage depletion studies.
Lipid Composition	POPC; CHOL
Active Ingredients	N/A
Application	Liposome production; Synthetic lipid
Form	lyophilized from phosphate buffered sucrose (20mM sodium phosphate, 10% sucrose), pH 7.0-7.5
Stability	Shelf-life: 12 months for dry cake (guaranteed, replacement only, starting from the date of delivery) Shelf-life: 3 months sterilely reconstituted (guaranteed, replacement only)



Storage	Store at 2-8 centigrade
Synonyms	Neutral Clodronate Empty Control Liposomes

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.
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.