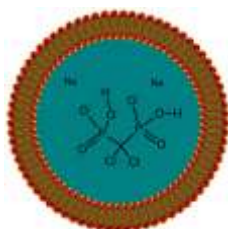


Clophosome[®] - Clodronate Liposomes

Superior Macrophage Depletion Efficiency

Clophosome[®] (neutral) and Clophosome[®]-A (anionic) are simply the best clodronate liposome reagents on the market for efficient *in vivo/in vitro* macrophage depletion. Excellent macrophage depletion efficiency of >80% can be achieved with one dose of the neutral Clophosome[®] and even higher depletion (>90%) with the anionic Clophosome[®]-A. Long-term macrophage depletion for several weeks can be achieved by keeping a routine maintenance dosing. Common dosing routes include intravenous, intraperitoneal, subcutaneous, pulmonary, direct injection, etc. Clophosome[®] - A is also capable for high degree *in vitro* macrophage depletion. We offer an exceptional 6 month shelf-life guarantee. Since the launch a year ago, these clodronate liposome products have become increasingly popular among immunologists, oncologists and other researchers all over the world.

Clophosome[®]
(Neutral)
(Cat#: F70101C-N)



Depletion > 80%



- ◆ The latest optimized formula
- ◆ Neutral and anionic liposome formula
- ◆ Macrophage depletion: 80-90%
- ◆ Excellent shelf-life: 6 months
- ◆ High clodronate/lipid ratio
- ◆ High clodronate encapsulation: > 90%
- ◆ Easy to use/inject
- ◆ Negative control Available
- ◆ Fluorescent control available
- ◆ Free evaluation samples

Clophosome[®] - A
(Anionic)
(Cat#: F70101C-A)



Depletion > 90%

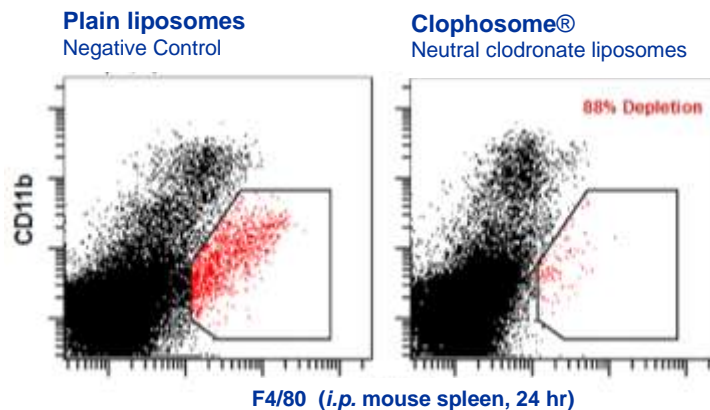
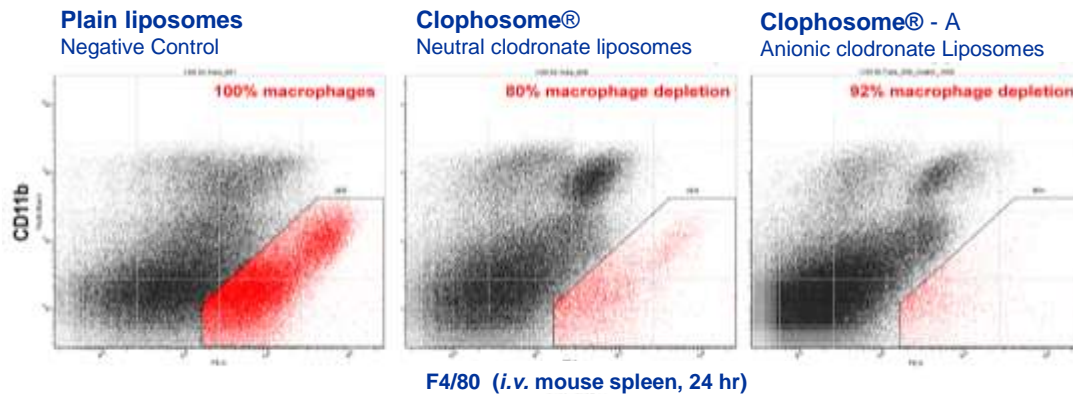


Product Code	Description	Price (2mL)	Price (10mL)
F70101C-N	Clophosome [®] - Clodronate Liposomes (Neutral)	\$199	\$699
F70101C-A	Clophosome [®] -A - Clodronate Liposomes (Anionic)	\$299	\$1,049
F70101-N	Plain control Liposomes (Neutral)	\$99	\$349
F70101-A	Plain Control Liposomes (Anionic)	\$149	\$519
F70101F-N	Fluorescent Control Liposomes (Neutral)	\$149	\$519
F70101C-NAS	Free samples kit	Shipping/handling	
	1 vial (1mL) Clophosome [®] (neutral)	\$50-USA	
	1 vial (1mL) Clophosome [®] -A (anionic)	\$100- international	n/a

Various combination kits and price options available at our online store www.liposomes.com

Order/enquire at www.LiposomeExpert.com, fast delivery, free delivery for order over \$1000 within US

Superior Macrophage Depletion Efficiency



Organ/ macrophages	Products	Dosing regimen (each 20-25g mice)
Spleen/Red pulp Macrophages	F70101C-N or F70101C-A	For one week depletion: 200µL (i.v. or i.p.). For long-term depletion 100µL twice a week after first dose of 200µL
Liver/Kuffer cells	F70101C-N or F70101C-A	The same as above
Lung/Alveolar Macrophages	F70101C-N or F70101C-A	Intranasal (50µL) for Alveolar Macrophage depletion Use i.v. (200µL) combined with intratracheal or intranasal (50µL) for AM and interstitial macrophage depletion
Lymph nodes	F70101C-N or F70101C-A	s.c. (100-200µL), optimal dosing regimen not established
Brian/Microglia	F70101C-N or F70101C-A	Intracerebroventricular (ICV) into the cerebrospinal fluid. Dose: up to 10µL/mice, 50µL/rat
Blood/Monocytes	F70101C-N or F70101C-A	200µL (i.v.), maximum depletion occurs around 24 hr, but come back in at 48-72 hours, followed by 100ul every 2 days for long-term depletion
In vitro	F70101C-A	Use Clophosome-A (anionic) only . Optimize for best results