

Materials List for:

Preparation and Characterization of Nanoliposomes for the Entrapment of Bioactive Hydrophilic Globular Proteins

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Materials

Name	Company	Catalog Number	Comments
Ammonium Sulfate	Sigma-Aldrich Co	A4418	
Analytical Balance Mettler H10Tw	Mettler Inc.	417870	
Beckman DU-640 Spectrophotometer	Beckman Coulter	8043-30-1090	
Bovine serum albumin (BSA)	Sigma-Aldrich Co	5470	
BUCHI Rotavapor R-300 Rotary Evaporator with Controller and V-300 Pump	Thermo Fischer Scientific	05-001-022PM	
CHEMS (cholesterylhemisuccinate)	Sigma-Aldrich Co	C6512	
Chloroform	Sigma-Aldrich Co	48520-U	CAUTION
Copper (II) Sulfate (Pentahydrate)	Sigma-Aldrich Co	209198	
Coverslips (13mm diameter)	Thermo Scientific Nunc	EW-01839-00	
DOPE(1,2-dioleoyl-sn-glycerol-3-phosphoethanolamine)	Lipoid GMBH	565600.1	
Ethanol Absolute	Sigma-Aldrich Co	32205	
Folin -Ciocalteu phenol reagent	Sigma-Aldrich Co	F9252	
Glutaraldehyde	Sigma-Aldrich Co	G5882	
HEPES	Sigma-Aldrich Co	H3375	
Hexamethyldisilazane (HMDS)	Sigma-Aldrich Co	440191	CAUTION
JEOL JSM-6460 LV Scanning Electron Microscope	JEOL LTD		
Mini Extruder 7	Avanti Polar Lipids	610000	
MPEG 2000-DSPE 1,2-distearoyl-sn-glycero-3-phosphoethanolamine-N-[amino(polyethylene glycol)-2000] (ammonium salt)	Lipoid GMBH	588200.1	
Optima L-90k Ultracentrifuge	Beckman Coulter	PN LL-IM-12AB	
Phosphate Buffer	Sigma-Aldrich Co	P3619	
Poli-L-lysine	Sigma-Aldrich Co	P8920	
Potassium L-tartrate monobasic	Sigma-Aldrich Co	243531	
Sodium Carbonate	Sigma-Aldrich Co	S7795	
Sodium chloride	Sigma-Aldrich Co	S7653	
Sodium Deoxycholate (DOC)	Sigma-Aldrich Co	D6750	
Sodium Dodecyl Sulfate	Sigma-Aldrich Co	L3771	
Sodium Hydroxide	Sigma-Aldrich Co	S8045	

Sodium phosphate dibasic anhydrous	Sigma-Aldrich Co	RES20908-A7	
TESCAN VEGA 3 Scanning Electron Microscope	Tescan	#657874	
Trichloroacetic Acid (TCA)	Sigma-Aldrich Co	91230	
Zetasizer Nano ZSP	Malvern Panalytical LTD		
Ultrasonic cleaning bath model 2510	Branson		