

Materials List for:

A Fluorescence-based Assay of Phospholipid Scramblase Activity

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Materials

Name	Company	Catalog Number	Comments
1-palmitoyl-2-oleoyl- <i>sn</i> -glycero-3-phosphocholine	Avanti Polar Lipids	850457C	POPC
1-Palmitoyl-2-oleoyl- <i>sn</i> -glycero-3-phospho- <i>rac</i> -(1-glycerol) (sodium salt)	Avanti Polar Lipids	840457C	POPG
1-palmitoyl-2-[6-[7-nitro-2-1,3-benzoxadiazol-4-yl]amino]hexanoyl]- <i>sn</i> -glycero-3-phosphocholine	Avanti Polar Lipids	810130C	NBD-PC
4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid	VWR Scientific	EM-5330	HEPES
NaCl	Sigma	S7653-1KG	NaCl
Dodecyl- β -D-maltoside	Anatrace	D310 5 GM	DDM
Fluorimeter cuvettes	sigma	C0918-100EA	cuvettes
Spectrofluorometer	Photon Technology International, Inc.	fluorimeter	
Sodium hydrosulfite technical grade, 85%	Sigma	157953-5G	dithionite
GraphPad Prism 5 software			Prism
Tris Base	VWR	JTX171-3	Tris
LIPEX 10 ml extruder	Northern Lipids, Inc.		Extruder
Whatman, Drain disc, PE, 25 mm	Sigma	28156-243	Disc support
Whatman Nucleopore Track-Etched Membranes, 0.4 μ m, 25 mm diameter	Sigma	WHA110607	400 nm membrane
Whatman Nucleopore Track-Etched Membranes, 0.2 μ m, 25 mm diameter	Sigma	WHA110606	200 nm membrane
sodium phosphate	Sigma	S3264-500G	
VWR Culture Tubes, Disposable, Borosilicate Glass, 13 x 100 mm	VWR Scientific	47729-572	glass tubes
Perchloric acid	Sigma	30755-500ML	
Ammonium Molybdate Tetrahydrate	Sigma	A-7302	ammonium molybdate
(+)-Sodium L-ascorbate	Sigma	A7631-25G	sodium ascorbate
Bio-Beads SM2 adsorbents	Bio Rad	1523920	polystyrene beads
2.0 ml Microtubes clear	VWR Scientific	10011-742	Reconstitution tubes
Reconstitution glass tube	VWR Scientific	53283-800	Reconstitution glass tubes
Zetasizer	Malvern		DLS