

Materials List for:

Reconstitution of a Kv Channel into Lipid Membranes for Structural and Functional Studies

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URL: <https://www.jove.com/video/50436>

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Materials

Name	Company	Catalog Number	Comments
Tryptone	RPI Corp.	T60060	
Yeast Extract	RPI Corp.	Y20020	
NaCl	Fisher	S271-3	
Tris Base	RPI Corp.	T60040	
Potassium Chloride	Fisher	BP366-500	
n-Dodecyl- β -D-Maltoside	Affymetrix	D322S	Sol-grade
n-Octyl- β -D-Glucoside	Affymetrix	O311	Ana-grade
Aprotinin	RPI Corp.	A20550-0.05	
Leupeptin	RPI Corp.	L22035-0.025	
Pepstatin A	RPI Corp.	P30100-0.025	
PMSF	SIGMA	P7626	
Dnase I	Roche	13407000	
Bio-Bead SM-2	Bio-Rad	152-3920	
HEPES	RPI Corp.	H75030	
POPE	Avanti Polar Lipids	850757C	
POPG	Avanti Polar Lipids	840457C	
DOGS	Avanti Polar Lipids	870314C	
DMPC	Avanti Polar Lipids	850345C	
Biotin-DOPE	Avanti Polar Lipids	870282C	
DOTAP	Avanti Polar Lipids	890890C	
NeutrAvidin agarose beads	Piercenet	29200	
Dialysis Tubing	Spectrum Laboratories, Inc	132-570	
Pentane	Fisher	R399-1	
Decane	TCI America	D0011	
MTS-PEG5000	Toronto Research Cemicsals	M266501	