

Materials List for:

Crystallization of Membrane Proteins in Lipidic Mesophases

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Materials

Name	Company	Catalog Number	Comments
100 µL gas-tight syringe	Hamilton Co	7656-01	2 syringes are required
10 µL gas-tight syringe	Hamilton Co	7653-01	
Syringe coupler	Hamilton Co	7770-02 30902	The coupler can be made using available parts as described in refs. 10
Repetitive syringe dispenser	Hamilton Co	83700	The repetitive syringe dispenser can be modified to reduce dispensing volume by ~3 times ¹¹
Short (0.375") flat-tipped removable needle (point style 3, gauge 26)	Hamilton Co	7804-03	
96-well glass sandwich plate	Marienfeld	08 900 03	For manual operations it is more convenient to assemble the glass sandwich plate using a standard microscope glass slides and a double sticky tape with punched holes ^{1,2,12} .
Glass cover slip	Electron Microscopy Sciences	63787-01	
monoolein	Sigma-Aldrich	M7765	
Crystallization screens	Hampton Research, Molecular Dimensions, Emerald Biosystems, Jena Bioscience		Most of available commercial screens can be used for initial screening. Conditions that consistently disrupt LCP can be diluted 2x for better compatibility ¹³ .
Capillary cutting stone	Hampton Research	HR4-334	
Fine point tweezers	Ted Pella, Inc.	510	
Angled sharp probe	Ted Pella, Inc.	13650	
MicroMounts	MiTeGen	M1-Lxx-xx	Select MicroMount diameter to match the crystal size