

Materials List for:

Bacterial Cell Culture at the Single-cell Level Inside Giant Vesicles

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Materials

Name	Company	Catalog Number	Comments
Bactotryptone	BD Biosciences	211705	
Chloroform	Wako Pure Chemicals	032-21921	
Cover glass (18 × 18 mm)	Matsunami Glass Ind.	C018181	thickness 0.13–0.17 mm
Cover glass (30 × 40 mm)	Matsunami Glass Ind.	custom-order	thickness 0.25–0.35 mm
Desktop centrifuge	Hi-Tech Co.	ATT101	swing rotor type
Double-faced seal (10 × 10 × 1 mm)	Nitoms	T4613	
Glass vial	AS ONE	6-306-01	Durham fermentation tube
Glucose	Wako Pure Chemicals	049-31165	
Inverted microscope	Olympus	IX-73	
Methanol	Wako Pure Chemicals	133-16771	
Microscopic heating stage system	TOKAI HIT	TP-110R-100	
Mineral oil	Nacalai Tesque	23334-85	
Mini-extruder	Avanti Polar Lipids	610000	
Neutravidin	Thermo Fisher Scientific	31000	
Objective lens	Olympus	LUCPLFLN 40×/0.6 NA	
Polycarbonate membranes	Avanti Polar Lipids	610005	pore size 100 nm
sCMOS camera	Andor	Zyla 4.2 plus	
Sodium chloride	Wako Pure Chemicals	191-01665	
Sucrose	Wako Pure Chemicals	196-00015	
Ultrasonic bath	AS ONE	ASU-3D	
Yeast extract	BD Biosciences	212750	
0.6 mL lidded plastic tube	Watson	130-806C	
1.5 mL lidded plastic tube	Sumitomo Bakelite Co.	MS4265-M	
1-palmitoyl-2-oleoyl-sn-glycero-3-phosphocoline	Avanti Polar Lipids	850457P	POPC
1,2-distearoyl-snglycero-3-phosphoethanolamine-N-[biotinyl(polyethyleneglycol)-2000]	Avanti Polar Lipids	880129P	Biotin-PEG-DSPE