

Materials List for

Basement Membrane Matrix Encapsulated Cell Aggregation for Investigating Murine Spleen Tissue Formation

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Materials

Name	Company	Catalog Number	Comments
96 Well Polypropylene 1.2 mL Cluster Tubes	Corning	CLS4401	For placing inside a 14 ml conical tube
B-mercaptoethanol	Gibco	21985023	Stock 55 mM, use at 50 μ M
Collagenase D	Roche	11088858001	
Collagenase IV	Sigma-Aldrich	C5138	From <i>Clostridium histolyticum</i>
Deoxyribonuclease I (DNase I)	Sigma-Aldrich	D4513	Deoxyribonuclease I from bovine pancreas, Type II-S, lyophilized powder, Protein \geq 80 %, \geq 2,000 units/mg protein
Dulbecco's Modified Eagle's Medium (DMEM)	Sigma-Aldrich	D5796	4500 mg/L Glucose, L-Glutamine, and Sodium Bicarbonate, without Sodium Pyruvate, Liquid. Sterile Filtered.
Dulbecco's Phosphate Buffered Saline (PBS)	Sigma-Aldrich	D8537	Without calcium chloride and magnesium chloride, sterile-filtered
Eclipse 200 μ l Pipette Tips	Labcon	1030-260-000	Bevel Point
Fetal Bovine Serum (FBS)	Gibco	26140-079	Lot# 1382243
GlutaMAX	Gibco	35050061	Stock 100X, use at 1X
Matrigel	Corning	354263	Matrigel matrix basement membrane High Concentration, Lot# 7330186
MEM Non-essential Amino Acids	Gibco	11140076	Stock 100X, use at 1X
Penicillin/Streptomycin	Gibco	15140122	Stock 10,000 units/ml Penicillin, 10,000 μ g/ml Streptomycin
Reversible Cell Strainer	STEMCELL Technologies	27216	70 μ m
Ring Tweezers	NAPOX	A-26	Ring size: 3 mm
Rock Inhibitor (Y-27632)	MedChemExpres	HY-10071	
Thermofisher Heraeus Megafuge 40R Centrifuge	Thermofisher		Acceleration and deceleration speeds were set to 8
Ultra Fine Tweezers	EMS	78340-51S	Style 51S. Antimagnetic/anti-acid SA low carbon austenitic steel tweezers

			are corrosion resistant. Anti-glare satin finish.
Vicryl 5/0 Suture Ligapak Reel	Ethicon	J283G	
Wiretrol II Long Wire Plunger	Drummond	5-000-2002-L	Stainless Steel Plunger, 25 & 50 μ L/ WRTL II, Long
Wound Clip Applier	MikRon	427630	
Wound Clips	MikRon	427631	9 mm