

Materials List for:

# Preparation and Applications of Organotypic Thymic Slice Cultures

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## Materials

Name	Company	Catalog Number	Comments
Vibratome	Leica Biosystems	VT1000S	
NuSieve GTG Agarose	Lonza	50080	Low melting temperature agarose
Embedding Mold (Truncated - T12)	Polyciences	18986	22 mm x 22 mm square, truncated to 12 mm x 12 mm
Double Edge Prep Blades	Personna	74-0002	
Tissue Adhesive	3M	1469SB	
0.4 µm Cell Culture Inserts	BD Falcon	353090	Of several brands tested, these maintained the cells atop the slices the best
Dulbecco's Phosphate-Buffered Saline	ThermoFisher	21600-010	
RPMI-1640 with L-glutamine	Wisent	350-000-CL	
Fetal Bovine Serum	Wisent	080-110	Heat inactivated
L-Glutamine, 200 mM	Wisent	609-065-EL	
Penicillin/Streptomycin, 100x	Wisent	450-201-EL	
2-Mercaptoethanol	Alfa Aesar	A15890	
15 ml Tenbroeck Tissue Grinders	Wheaton	357426	
Nylon Mesh Filter	Component Supply	U-CMN-255	
Microcentrifuge Tube Sample Pestle	Bel-Art	F19922-0000	
40 µm Nylon Cell Strainer	BD Falcon	352340	
Forceps Inox Tip	Dumont	RS-5047	Fine tip curved forceps, size .17 x .10 mm
Micro Forceps	Dumont	RS-5090	