

Materials List for:

Organotypic Hippocampal Slice Cultures

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Materials

Name	Company	Catalog Number	Comments
Cell culture inserts	EMD Millipore	PICM03050	
6 well plates	BD Biosciences	353046	
Tissue Slicer	Stoelting Co.	51425/51415	
Microscope	Olympus Corporation	SZX7-ILLD2-100	
Hippocampus dissecting tool	F.S.T.	10099-15	
Large utility scissors. Perfection	F.S.T.	37500-00/37000-00 Right/ Left handed	
Iris Spatula	F.S.T.	10093-13	
Straight spatula	F.S.T.	10094-13	
Rounded spoon micro spatula	VWR international	57949-039	
Dissecting single cutting edge needle	Electron Microscopy Sciences	72946	
Dissecting tweezers	Dumont	#2	
Small dissecting scissors	F.S.T.	14060-10	
MEM Eagle medium	Cellgro	50-019 PB	
Horse serum heat inactivated	Invitrogen	26050-88	
L-Glutamine (200 mM)	Invitrogen	25030081	
CaCl ₂ (1 M)	Sigma-Aldrich	C3881	
MgSO ₄ (1 M)	Sigma-Aldrich	M2773	
Insulin (1 mg/ml), dissolved in HCl 0.01 N	Sigma-Aldrich	I0516	
Ascorbic Acid, solution (25%)	Sigma-Aldrich	A4544	
D-Glucose	Sigma-Aldrich	G5767	
NaHCO ₃	Sigma-Aldrich	S6014	
Hepes	Sigma-Aldrich	H7523	
Sucrose	Sigma-Aldrich	S5016	
Phenol Red Solution 0.5% in DPBS	Sigma-Aldrich	P0290	
KCl	Sigma-Aldrich	P3911	
MgCl ₂ (1 M)	Sigma-Aldrich	M9272	