

Materials List for:

Organotypic Hippocampal Slice Cultures As a Model to Study Neuroprotection and Invasiveness of Tumor Cells

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Materials

Name	Company	Catalog Number	Comments
6-Well	Falcon	35-3046	
Agar	Fluka	5040	
Autoclav	Systec	DX-45	
CFDA	Thermo Fisher	V12883	
Confocal laser scanning microscope (CLSM) LSM700	Carl Zeiss		
Eagle's Minimal Essential Medium	Invitrogen	32360-034	
Fluorescein labeled Griffonia (Bandeiraea) Simplicifolia Lectin I	Vector Labs	FL-1101	
Glucose	Merk	1083371000	
Glutamin	Invitrogen	25030-024	
Hank's Balanced Salt Solution (with Ca ²⁺ and Mg ²⁺)	Invitrogen	24020-133	
Hank's Balanced Salt Solution (without Ca ²⁺ and Mg ²⁺)	Invitrogen	14170-138	
Insulin	Sigma Aldrich	I5500	
L-ascorbic acid	Sigma Aldrich	A5960	
L-Glutamin	Invitrogen	25030-024	
LN229	Cell-Lines-Service	300363	
Medical cyanoacrylate glue (Histoacryl glue)	B.Braun	1050052	
Millicell Culture Inserts	Millipore	PICMORG50	
NMDA N-methyl-D-aspartic acid	Sigma Aldrich	M3262	
Normal Horse Seum	Invitrogen	26050-088	
Penicillin Streptomycin	Invitrogen	15140-122	
Petri dishes (all sizes)	Greiner	627160/664160/628160	
PFA	Roth	0335.1	toxic
Propidium iodid (PI)	Sigma Aldrich	81845-25MG	toxic
U138	ATCC	HTB-14	
Vibratome	Leica	Leica VT 1200	