

Materials List for:

Organotypic Slice Cultures of Embryonic Ventral Midbrain: A System to Study Dopaminergic Neuronal Development *in vitro*

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Materials

Name	Company	Catalog Number	Comments
Table of specific reagents and equipment			
DMEM	Sigma-Aldrich	D6429	
Glucose 30%	Sigma-Aldrich	G7528-250	
Horse Serum	Invitrogen	26050-088	
DMEM (4,5g/L Glc., with L-Gln, Na Pyr, NaHCO3)	Sigma-Aldrich	D6429-500	
Penicillin/Streptomycin 100x	Sigma-Aldrich	P4333-20	
L-ascorbic acid	Sigma-Aldrich	A4403	prepare 200mM stock and store at -20°C
UltraPure LMP agarose	Invitrogen	15517-022	
Millicel inserts	EMD Millipore	PICMORG50	
μ-dish 35 mm, low	Ibidi	80136	
Vibratome	Microm International	HM 650V	
Razor Blade	Plano GmbH	121-6	
Histoacryl glue	BRAU9381104	Braun Aesculap	
Perforated Spoon Dia diameter 15 mm	Fine Science Tools	10370 -18	
Forceps 5 Dumoxel	Fine Science Tools	11252 - 30	
Antibodies used for immunostainings:			
Rabbit anti-tyrosine hydroxylase	EMD Millipore	AB152	Dilution 1:500
Mouse anti-tyrosine hydroxylase	EMD Millipore	MAB318	Dilution 1:500
Mouse anti-BrdU	BD Biosciences	555627	Dilution 1:200
Rabbit anti-cleaved caspase 3	Cell Signaling Technology	9661	Dilution 1:200
Donkey anti-rabbit IgG-Alexa 488	Invitrogen	A21206	Dilution 1:500
Donkey anti-mouse IgG-Cy3	Jackson ImmunoResearch	715-165-150	Dilution 1:200