

Materials List for:

The Indirect Neuron-astrocyte Coculture Assay: An *In Vitro* Set-up for the Detailed Investigation of Neuron-glia Interactions

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Materials

Name	Company	Catalog Number	Comments
Reagents			
B27	Gibco (Life Technologies)	17504-044	
Cell-culture-grade water	MilliQ		
Cytosine-β-D-arabinofuranoside (AraC)	Sigma-Aldrich	C1768	CAUTION: H317, H361
DMEM	Gibco (Life Technologies)	41966-029	
DNase	Worthington	LS002007	
Gentamycin	Sigma-Aldrich	G1397	CAUTION: H317-334
Glucose	Serva	22700	
HBSS	Gibco (Life Technologies)	14170-088	
HEPES	Gibco (Life Technologies)	15630-056	
Horse serum	Biochrom AG	S9135	
L-Cysteine	Sigma-Aldrich	C-2529	
MEM	Gibco (Life Technologies)	31095-029	
Ovalbumin	Sigma-Aldrich	A7641	CAUTION: H334
Papain	Worthington	3126	
PBS	self-made		
Poly-D-lysine	Sigma-Aldrich	P0899	
Poly-L-ornithine	Sigma-Aldrich	P3655	
Sodium pyruvate	Sigma-Aldrich	S8636	
Trypsin-EDTA	Gibco (Life Technologies)	25300054	
Equipment			
24-well-plates	Thermoscientific/Nunc	142475	
24-wells-plate (for the indirect co-culture)	BD Falcon	353504	
Binocular	Leica	MZ6	
Cell-culture inserts	BD Falcon	353095	
Centrifuge	Heraeus	Multifuge 3S-R	
Counting Chamber	Marienfeld	650010	
Forceps	FST Dumont (#5)	11254-20	
glass cover slips (12 mm)	Carl Roth (Menzel- Gläser)	P231.1	
Incubator	Thermo Scientific	Heracell 240i	
Micro-tube (2 mL)	Sarstedt	72,691	
Microscope	Leica	DMIL	
Millex Syringe-driven filter unit	Millipore	SLGV013SL	

Orbital shaker	New Brunswick Scientific	Innova 4000	
Parafilm	Bemis	PM-996	
Petri dishes (10 cm)	Sarstedt	833,902	
pipette (1 mL)	Gilson	Pipetman 1000	
Sterile work bench	The Baker Company	Laminar Flow SterilGARD III	
Surgical scissors	FST Dumont	14094-11	
Syringe	Henry Schein	9003016	
T75 flask	Sarstedt	833,911,002	
tube (15 mL)	Sarstedt	64,554,502	
Water bath	GFL	Water bath type 1004	