

Materials List for:

Generation of an Immortalized Murine Brain Microvascular Endothelial Cell Line as an *In Vitro* Blood Brain Barrier Model

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Materials

Name	Company	Catalog Number	Comments
Bovine serum albumin (BSA)	Sigma-Aldrich	A7906	Purity > 98%
collagen IV	Sigma-Aldrich	C5533	50 µg/ml in 50 mM acetic acid
Collagenase/ Dispase	Roche	10269638001	
Dulbecco's modified Eagle's medium (DMEM)	Sigma-Aldrich	D5796	
Dimethyl sulfoxide (DMSO)	Sigma-Aldrich	D2650	
Fetal Calf Serum (FCS)	PAA Laboratories	A15110-1333	final concentration 10%, heat-inactivated (30 min at 56 °C)
L-glutamine	Biochrom AG	K0282	Storage: ≤ -15 °C
MEM Vitamine	Biochrom AG	K0373	Storage: ≤ -15 °C
Na-pyruvate	Biochrom AG	L0473	
Neomycin (G418)	PAA Laboratories	P11-012	
Non essential amino acids (NEA)	Biochrom AG	K0293	Storage at 4 °C
Penicilin/Streptomycin	Biochrom AG	A2212	Storage: ≤ -15 °C
Phosphate buffered saline (PBS)	Biochrom AG	L1825	
Polybrene (hexadimethrine bromide)	Sigma-Aldrich	107689	0.8 mg/ml in PBS, storage at -20 °C
Puromycin	Sigma-Aldrich	P8833	
Trypsin/EDTA	Biochrom AG	L1825	0.05%, 0.02% EDTA in PBS