

Materials List for:

Stretch in Brain Microvascular Endothelial Cells (cEND) as an *In Vitro* Traumatic Brain Injury Model of the Blood Brain Barrier

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Materials

Name	Company	Catalog Number	Comments
Cell Injury Controller II	Custom Design and Fabrication, Virginia, USA		
Bioflex Culture Plate - Collagen Type I	Flexcell, Dunn Labortechnik	BF - 3001C	
Dulbecco's modified Eagle's medium (DMEM)	Sigma-Aldrich	D5796	
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 Vitamin	Biochrom AG	K0373	Storage: ≤ -15 °C
Na-pyruvate	Biochrom AG	L0473	
Non-essential amino acids (NEA)	Biochrom AG	K0293	Storage at 4 °C
Penicilin/Streptomycin	Biochrom AG	A2212	Storage: ≤ -15 °C
Fetal Calf Serum, charcoal stripped (ssFCS)	Life Technologies	12676-011	
Trypsin-EDTA solution	PAA Laboratories	L11-004	Storage: ≤ -15 °C
Image-iT DEAD Green	Life Technologies	I10291	Storage: ≤ -15 °C, protected from light
Cytotoxicity Detection Kit PLUS (LDH)	Roche	4744926001	Storage: ≤ -15 °C