Materials List for:

A Method for Determination and Simulation of Permeability and Diffusion in a 3D Tissue Model in a Membrane Insert System for Multi-well Plates

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Materials

Name	Company	Catalog Number	Comments
Agarose	Carl Roth	K297.2	High Resolution Powder
Collagen	Serva	47256.01	Collagen R solution 0.4 %
DMEM	Lonza (Biozym Scientific GmbH)	880010-12	High Glucose with L-Glutamine
FCS	Biochrom GmbH	S0615 0114F	Fetal Calf Serum
Fluorescein Sodium Salt	Sigma-Aldrich	46960-25G-F	
Fluorescein Isothiocyanate-dextran	Sigma-Aldrich	46944-500MG	4000 g/mol
Fluorescein Isothiocyanate-dextran	Sigma-Aldrich	FD10S-250MG	10 000 g/mol
Fluorescein Isothiocyanate-dextran	Sigma-Aldrich	FD20S-250MG	20 000 g/mol
Fluorescein Isothiocyanate-dextran	Sigma-Aldrich	FD40S-250MG	40 000 g/mol
HBSS	ThermoFisher Scientific	14170120	no calcium, no magnesium , with phenol red
NaOH	Merck	1.06467.9010	granulated
PBS	Gibco	18912-014	tablets
Transwell Cell Culture Inserts	Corning	3391	96 well, 0.4 µm pore size
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Trypsin	Biochrom GmbH	L2143	with EDTA

