

Materials List for:

Sensing of Barrier Tissue Disruption with an Organic Electrochemical Transistor

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Materials

Name	Company	Catalog Number	Comments
Clevios pH 1000	Heraeus Clevios		
AZ9260 resin	Cipec Specialties		
Dodecylbenzenesulfonic acid (DBSA)	Acros Organic		
3-Glycidoxypropyltrimethoxysilane (GOPS)	Sigma Aldrich		
24-well Suspended cell Culture insert Millicell PET 0.4 µm Millipore	Dominique Dutscher	51705	
24-well Cell culture plate BD Falcon	Dominique Dutscher	51705	
Stericup-GPT PES 0.22 µm	Dominique Dutscher	51246	
Advanced DMEM Marque GIBCO	Fisher Scientific	E3434T	
FBS Heat Inact.	Fisher Scientific	E3387M	
Penicillin Streptomycin	Fisher Scientific	E3470C	
GlutaMAX	Fisher Scientific	E3524T	
Trypsin 0.05% EDTA	Fisher Scientific	E3513N	
EGTA (Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetracetic acid)	Sigma Aldrich	E4378	
Ethylene glycol, anhydrous, 99.8%,	Sigma Aldrich		
Caco-2 cells	ATCC		
PDMS	Dow Corning	SYLGARD 184 SILICONE ELASTOMER	
Au (99.99%)	NEYCO	AU3X6	
Chromium (99.95%)	NEYCO		
Parylene C	Specialty Coating Systems		
Ag/AgCl wire	Harvard Apparatus		
Photoresist	Cipec Specialties		