

Materials List for:

A Proximal Culture Method to Study Paracrine Signaling Between Cells

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Materials

Name	Company	Catalog Number	Comments
24 mm Transwell permeable support with 0.4 µm Pore Polycarbonate Membrane Insert	Corning (Costar)	3412	<ul style="list-style-type: none"> • 10 µm thick translucent polycarbonate membrane • Treated for optimal cell attachment • Packaged 6 inserts in a 6 well plate, 4 plates per case • Membrane must be stained for cell visibility • Sterilized by gamma radiation
6 well plate	Corning (Falcon)	353046	Flat Bottom, TC-treated, sterile, with Lid
15 cm culture dish	Corning (Falcon)	353025	Sterile, TC-treated Cell Culture Dish
DMEM	Corning (Cellgro)	10-013-CV	
Penicillin Streptomycin	Corning	30-002-CI	
MEM Nonessential amino acids	Corning (Cellgro)	25-025-CI	
MEM Vitamins	Corning (Cellgro)	25-020-CI	
0.25% Trypsin, 2.21 mM EDTA	Corning	25-053-CI	
Fetal bovine serum	Atlanta Biologicals	S11150	
Pipets			Any make is fine
CO2 Incubator			Any make is fine
Biosafety level II cabinet			Any make is fine
FN1 TaqMan Gene Expression Assay	ThermoFisher Scientific	Hs01549976_m1	
TGFB1 TaqMan Gene Expression Assay	ThermoFisher Scientific	Hs00998133_m1	
CDH1 TaqMan Gene Expression Assay	ThermoFisher Scientific	Hs01023895_m1	
GAPDH TaqMan Gene Expression Assay	ThermoFisher Scientific	Hs99999905_m1	
miRNeasy mini RNA isolation Kit	Qiagen	217004	
High-Capacity cDNA Reverse Transcription Kit	ThermoFisher Scientific	43-688-13	
HeyA8 ovarian cancer cells	Obtained from Ernst Lengyel Lab, University of Chicago		
TGFβ Neutralizing Antibody	R&D Systems	MAB1835-100	