

Materials List for:

# An Iodide-Yellow Fluorescent Protein-Gap Junction-Intercellular Communication Assay

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## Materials

Name	Company	Catalog Number	Comments
96-well plate	SPL	30096	
Calcium chloride (CaCl <sub>2</sub> )	Sigma	C5670	I-solution
D-(+)-Glucose	Sigma	G7021	C-solution, I-solution
Dimethyl sulfoxide (DMSO)	sigma	276855	
HEPES	Sigma	RES6003H-B7	C-solution, I-solution
Lipofectamine 2000	Invitrogen	11668-027	transfection reagent
Magnesium chloride hexahydrate (MgCl <sub>2</sub> 6H <sub>2</sub> O)	Sigma	M2393	C-solution
Microplate reader	BMG LabTech	POLARstar Omega 415-1618	
pMD2.G	Addgene	#12259	
Polybrene	sigma	H9268	
Poly-L-lysine solution	sigma	P4707	
Potassium chloride (KCl)	Sigma	P5405	C-solution, I-solution
psPAX2	Addgene	#12260	
Puromycin Dihydrochloride	sigma	P8833	
Sodium chloride (NaCl)	Sigma	S5886	C-solution, I-solution
Sodium hydroxide (NaOH)	Sigma	S2770	
Sodium Iodide (NaI)	Sigma	383112	I-solution