

Materials List for:

Invasive Behavior of Human Breast Cancer Cells in Embryonic Zebrafish

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Materials

Name	Company	Catalog Number	Comments
Agarose	MP Biomedicals	AGAF0500	
Borosilicate glass capillary	Harvard Apparatus	300038	
Cholera enterotoxin	Calbiochem	227035	
Confocal microscope	Leica	SP5 STED	
DMEM-high glucose media containing L-glutamine	ThermoFisher Scientific	11965092	
DMEM/F-12 media containing L-glutamine	ThermoFisher Scientific	21041025	
Dumont #5 forceps	Fine Science Tools Inc	11252-20	
Epidermal growth factor	Merck Millipore	01-107	
Fetal bovine serum	ThermoFisher Scientific	16140071	
Fluorescent stereo microscope	Leica	M165 FC	
HEK293T cell line	American Type Culture Collection	CRL-1573	
Hydrocortisone	SigmaAldrich	227035	
Horse serum	ThermoFisher Scientific	26050088	
Insulin	SigmaAldrich	I-6634	
MCF10A (M1) cell line			Kindly provided by Dr. Fred Miller (Barbara Ann Karmanos Cancer Institute, Detroit, MI, USA)
MCF10Aras (M2) cell line			Kindly provided by Dr. Fred Miller (Barbara Ann Karmanos Cancer Institute, Detroit, MI, USA)
MDA-MB-231 cell line	American Type Culture Collection	CRM-HTB-26	
Manual micromanipulator	World Precision Instruments	M3301R	
Micropipette puller	Sutter Instruments	P-97	
Wide-tip Pasteur pipette (0.5-20 µL)	Eppendorf	F2764561	
pCMV-VSVG plasmid			Kindly provided by Prof. Dr. Rob Hoeven (Leiden University Medical Center, Leiden, The Netherlands)
Penicillin-Streptomycin (10,000 U/mL)	ThermoFisher Scientific	15140122	
PLV-mCherry plasmid	Addgene	36084	
pMDLg-RRE (gag/pol) plasmid			Kindly provided by Prof. Dr. Rob Houben (Leiden University Medical Center, Leiden, The Netherlands)
Pneumatic picoPump	World Precision Instruments	SYS-PV820	
Polybrene	SigmaAldrich	107689	

Prism 4 software	GraphPad Software		
pRSV-REV plasmid			Kindly provided by Prof. Dr. Rob Hoeben (Leiden University Medical Center, Leiden, The Netherlands)
Stereo microscope	Leica	MZ16FA	
Tg (<i>fli:EGFP</i>) zebrafish strain			Kindly provided by Dr. Ewa Snaar-Jagalska (Institute of Biology, Leiden University, Leiden, The Netherlands)
Tris-base	SigmaAldrich	11814273001	
Tricaine (3-aminobenzoic acid)	SigmaAldrich	A-5040	
Trypsin-EDTA (0.5%)	ThermoFisher Scientific	15400054	
Petri dishes, polystyrene (60 × 15 mm)	SigmaAldrich	P5481-500EA	
Polystyrene dish with glass bottom	WillCo	GWST-5040	