

Materials List for:

An *In Vitro* Dormancy Model of Estrogen-sensitive Breast Cancer in the Bone Marrow: A Tool for Molecular Mechanism Studies and Hypothesis Generation

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Materials

Name	Company	Catalog Number	Comments
MCF-7 cells	ATCC	HTB-22	
T47D cells	ATCC	HTB-123	
BD BioCoat Fibronectin 24 Well Clear Flat Bottom TC-Treated Multiwell Plate	Corning	354411	
BD BioCoat Fibronectin 60 mm Culture Dishes	Corning	354403	
BD BioCoat Fibronectin 100 mm Culture Dishes	Corning	354451	
BD BioCoat 22x22mm #1 Glass Coverslip with a uniform application of human fibronectin	Corning	354088	
6 Well tissue culture plate	CellTreat	229106	
Dulbecco Modified Eagle Medium High Glucose 10X Powder	Corning Life Sciences	50-013-PB	
Heat Inactivated, Fetal Bovine Serum	Serum Source International	FB02-500HI	
0.25% Trypsin/2.21 mM EDTA	Corning	25-053-CI	
Penicillin-Streptomycin Solution, 100X	Corning	30-002-CI	
L-Glutamine, 100x, Liquid	Corning	25-005-CI	
Recombinant Human FGF basic	R&D Systems	234-FSE-025	
Akt Inhibitor (1L6-Hydroxymethyl-chiro-inositol-2-(R)-2-O-methyl-3-O-octadecyl-sn-glycerocarbonate)	CalBiochem	124005	
LY294002	CalBiochem	19-142	Chemical PI3K inhibitor
C3 transferase	Cytoskeleton	CTO3	Inhibits RhoA, RhoB, and RhoC, but not related GTPases such as Cdc42 or Rac1
Y-27632 dihydrochloride	Santa Cruz Biotechnology	129830-28-2	
BODIPY FL-Phalloidin (green)	Molecular Probes	B607	Fluorochrome for fibrillar actin staining
BODIPY FL-Rhodamine phalloidin (red)	Molecular Probes	R415	Fluorochrome for fibrillar actin staining
Alexa Fluor 488 Donkey anti-Mouse IgG Antibody, ReadyProbes Reagent	Molecular Probes	R37114	
ProLong Gold Antifade Mountant with DAPI	Molecular Probes	P-36931	