

Materials List for:

Live Imaging to Study Microtubule Dynamic Instability in Taxane-resistant Breast Cancers

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Materials

Name	Company	Catalog Number	Comments
Dulbecco's Modified Eagle's Medium (DMEM)	Sigma-Aldrich	D5796	
Non-essential amino acids	Life Technologies, Invitrogen	11140-050	
FBS	Gibco, Invitrogen	12483	
Anti-Anti (100x)	Life Technologies, Invitrogen	15240-062	
docetaxel	Sigma-Aldrich	01885-5mg-F	
DMEM phenol red-free	Gibco, Invitrogen	21063	
CellLight Reagent *BacMam 2.0* GFP-tubulin	ThermoFisher Scientific	C10613	Key reagent for expressing GFP tubulin in cells
CellLight Reagent *BacMam 2.0* GFP	ThermoFisher Scientific	B10383	Control
Dimethyl Sulfoxide (DMSO)	Sigma-Aldrich+B9:AA9	472301	for dissolving decetaxel
22-mm glass coverslip	Fisher Scientifics	12-545-101	
6-well culture plate	Greiner Bio-One International	6 Well Celi Culture Plate	
DeltaVision Microscopy Imaging Systems	GE Health		This system is equipped with weather station for controlling temperature and CO2. It also equipped with Worx Software for deconvolution and time lapse control.
Trypsin-EDTA (0.25%), phenol red	ThermoFisher Scientific	25200056	
Bright-Line Hemacytometer Set, Hausser Scientific	Hausser Scientific, Distributed by VWR	Supplier No.: 1492 VWR No.:15170-172	