

Materials List for:

# Repression of Multiple Myeloma Cell Growth In Vivo by Single-wall Carbon Nanotube (SWCNT)-delivered MALAT1 Antisense Oligos

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## Materials

Name	Company	Catalog Number	Comments
SWCNTs	Millipore-Sigma	704113	
DSPE-PEG2000-Amine	Avanti Polar Lipids	880128	
bath sonicator	VWR	97043-992	
4 mL centrifugal filter	Millipore-Sigma	Z740208-8EA	
UV/VIS spectrometer	Thermo Fisher Scientific	accuSkan GO UV/Vis Microplate Spectrophotometer	extinction coefficient of 0.0465 L/mg/cm at 808 nm
Sulfo-LC-SPDP	ProteoChem	c1118	
DTT solution	Millipore-Sigma	43815	
NAP-5 column	GE Healthcare	17-0853-01	
in vivo imaging system	PerkinElmer		
NOD.CB17-Prkdcscid/J mice	Charles River lab	250	
Flow cytometer	Becton Dickinson		
Lipofectamine	Invitrogen	11668019	Lipofectamine2000
Fetal bovine serum (FBS)	Invitrogen	10437-028	
RMPI-1640 medium	Invitrogen	11875-093	
MALAT1-QF:	synthesized by IDT Company		5'- GTTCTGATCCCCTGCTATT - 3'
MALAT1-QR:	synthesized by IDT Company		5'- TCCTCAACACTCAGCCTTTATC - 3'
GAPDH-QF:	synthesized by IDT Company		5'- CAAGAGCACAAGAGGAAGAGAG - 3'
GAPDH-QR:	synthesized by IDT Company		5'- CTACATGGCAACTGTGAGGAG - 3'
Quantitative PCR using SYBR Green PCR master mix	Thermo Fisher Scientific	A25780	
RevertAid first-stand cDNA synthesis kit	Thermo Fisher Scientific	K1621	
anti-MALAT1	synthesized by IDT Company		5'-mC*mG*mA*mA*mA*C*A*T*T *G*G*C*A*C*A*mC*mA*mG*mC*mA-3'
Cell Viability Assay Kit	Promega Corporation	G7570	CellTiter-GloLuminescent Cell Viability Assay Kit
accuSkan GO UV/Vis Microplate Spectrophotometer	Thermo Fisher Scientific		
centrifugal filter	Millipore-Sigma	UFC910008	

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SPSS software	IBM	version 24.0	
D-Luciferin	Millipore-Sigma	L9504	