

Materials List for:

Identification of Kinesin-1 Cargos Using Fluorescence Microscopy

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Materials

Name	Company	Catalog Number	Comments
absolute ethanol (200 proof)	Fisher Scientific	BP2818	
DAPI	Sigma-Aldrich	D9542	
Hoechst 33342	Sigma-Aldrich	B2261	
Opti-MEM-I (transfection medium)	Life Technologies	51985	
ProLong Diamond Antifade Mountant	Life Technologies	P36961	
formaldehyde, para	Fisher Scientific	O4042-500	
Triton-X100	Fisher Scientific	BP151-500	
X-tremeGENE 9 DNA Transfection Reagent	Roche	6365787001	
Taq DNA polymerase	Life Technologies	10342020	
PCR Grade Nucleotide Mix (dNTP Mix)	Roche	12111424	
Microscope cover glass	Fisher Scientific	12-541A	
GeneRuler 1 kb Plus DNA ladder	Life Technologies	SM1333	
PureLink Quick Gel Extraction kit	Life Technologies	K210012	
BamHI	New England Biolab	R0136	
Sall	New England Biolab	R0138	
T4 DNA ligase	New England Biolab	M0202T	
Ethidium bromide	Thermo Scientific	17898	
DMEM	Life Technologies	11995-065	
c-MYC rabbit antibody	Cell Signaling	5606	
p53 mouse antibody	Santa Cruz	sc-126	
Alexa Fluor 488-conjugated anti-rabbit IgG antibody	Life Technologies	A11008	
Alexa Fluor 488-conjugated anti-mouse IgG antibody	Life Technologies	A11059	
fluorescent microscope	Olympus IX71_Fluoview		
computer software for imaging	cellSens		