

Materials List for:

A Cell Free Assay to Study Chromatin Decondensation at the End of Mitosis

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Materials

Name	Company	Catalog Number	Comments
spermine tetrahydrochloride	Fluka analytical	85610-25G	
spermidine trihydrochloride	Sigma	S2501-5G	
high-purity digitonin	Millipore	300410-1GM	toxic
PMSF	Applichem	A0999,0100	toxic
thymidine	Calbiochem	6060	
nocodazole	Calbiochem	487928	toxic
37% formaldehyde solution	Roth	7398-1	toxic
trypan blue solution (0.4%)	Sigma	T8154	toxic
1,4-dithiothreitol (DTT)	Roth	6908.2	
AEBSF hydrochloride	Applichem	A1421,0001	
pepstatin	Roth	2936.1/2/3	
leupeptin	Roth	CN334	
aprotinin	Roth	A162.3	
Percoll (colloidal silica particles solution)	GE Healthcare	17-0891-01	
glutamine	Gibco	25030-024	
Penicillin-Streptomycin	Gibco	15140-122	
75 cm ² tissue culture flasks	Greiner Bio-one	658175	
heat-inactivated fetal bovine serum (FBS)	Gibco	10500-064	
Homogenizer (40 ml tissue grinder)	Wheaton	357546	
Neubauer chamber	Assistent	441/1	
Oak Ridge Centrifuge Tubes, polycarbonate (50 ml)	Nalgene	3118-0050	
100 µm cell strainer, nylon	BD Falcon	352360	
cytochalasin B	Applichem	A7657,0010	toxic
cycloheximide	Roth	8682.3	toxic
L-cystein	Merck	1,028,381,000	
hCG available as Ovogest	MSD	1431593	
PMSG available as Intergonan	MSD	1431015	
A23187 (mixed calcium-magnesium-salt)	Enzo	ALX-450-002-M010	toxic
syringe needles (1.20 x 40 mm, 18 G x 1 1/2")	Braun	4665120	
ATP	Serva	10920.03	

GTP, 2 Na x 3 H ₂ O	Roth	K056.1/2/3/4	
creatine phosphat disodium salt	Calbiochem	2380	
creatine phosphokinase	Sigma	C3755-35KU	
DMAP	Sigma	D2629-1G	
DAPI	Roche	10236276001	
PFA	Sigma	P-6148	toxic
centrifugation tubes for TLA 100 (7 x 10 mm, 5/16 x 13/16 in.)	Beckman Coulter	343775	
"Cell-Saver" (tips with wide opening, 1,000 µl)	Biozym	729065	
50% glutaraldehyde solution, grade I	Sigma alderich	G7651-10 ml	toxic
0.1% (w/v) poly-L-lysine solution	Sigma	P8920-100 ml	
flat-bottom tubes (6 ml, 16.0/55 mm)	Greiner Bio-one	145211	
Vectashield mounting medium	Vector laboratories	H1000	
tubes for TLA120 (11 x 34 mm, 7/16 x 1 3/8 in.)	Beckman Coulter	343778	
"Cell-Saver" (tips with wide opening, 200 µl)	Biozym	729055	
12 mm coverslips	Thermo Scientific	0784 #1	