

Materials List for

Labelling and Visualization of Mitochondrial Genome Expression Products in Baker's Yeast *Saccharomyces cerevisiae*

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jove.com/video/62020

Materials

Name	Company	Catalog Number	Comments
2-Mercaptoethanol	Sigma-Aldrich	M3148	
Acrylamide	Sigma-Aldrich	A9099	
Ammonium persulfate	Sigma-Aldrich	A3678	
Bacteriological agar	Sigma-Aldrich	A5306	
Biowave Cell Density Meter CO8000	BIOCHROM US BE	80-3000-45	
BRAND standard disposable cuvettes	Sigma-Aldrich	Z330361	
chloroform	Sigma-Aldrich	288306	
cycloheximide	Sigma-Aldrich	C1988	
D-(+)-Galactose	Sigma-Aldrich	G5388	
D-(+)-Glucose	Sigma-Aldrich	G7021	
digital block heater	Thermo Scientific	88870001	
EasyTag L-[³⁵ S]-Methionine, 500µCi (18.5MBq), Stabilized Aqueous Solution	Perkin Elmer	NEG709A500UC	
Eppendorf Centrifuge 5425	Thermo Scientific	13-864-457	
GE Storage Phosphor Screens	Sigma-Aldrich	GE29-0171-33	
L-methionine	Sigma-Aldrich	M9625	
methanol	Sigma-Aldrich	34860	
N,N,N',N'-Tetramethylethylenediamine	Sigma-Aldrich	T9281	
N,N'-Methylenebisacrylamide	Sigma-Aldrich	M7279	
New Brunswick Innova 44/44R Shaker Incubator	New Brunswick Scientific		
Peptone from meat, bacteriological	Millipore	91249	
Phenylmethanesulfonyl fluoride	Sigma-Aldrich	P7626	

Pierce 660nm Protein Assay Kit	Thermo Scientific	22662	
PowerPac Basic Power Supply	Bio-Rad	1645050	
Protean II xi cell	Bio-Rad	1651802	
Puromycin dihydrochloride from Streptomyces alboniger	Sigma-Aldrich	P8833	
Sodium hydroxide	Sigma-Aldrich	221465	
Storm 865 phosphor imager	GE Healthcare		
Trizma base	Sigma-Aldrich	93352	
Vacuum Heated Gel Dryer	Cleaver Scientific	CSL-GDVH	
Yeast extract	Sigma-Aldrich	Y1625	