

Materials List for:

Primer-Free Aptamer Selection Using A Random DNA Library

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Materials

Name	Company	Catalog Number	Comments
Tris-HCl			
HotMaster TAQ DNA Polymerase	5 PRIME		
dNTP Mix	Sigma-Aldrich		
Acrylamide	Fisher Scientific		
UltraPure 10X TBE Buffer	Invitrogen		
Ammonium Persulfate	Bio-Rad		
TEMED	Fisher Scientific		
PhiX174 DNA/Hinf I DNA Marker	Promega Corp.		
Ethidium Bromide			
α - ³² P-dCTP			
Phenol:ChCl ₃ :IAA	Ambion		
NaCl			
Ethanol			
Restriction Enzymes	New England Biolabs		
Urea	Fisher Scientific		
Photographic Film	ECE Scientific		
PBS	GIBCO, by Life Technologies		
CaCl ₂	GIBCO, by Life Technologies		
MgCl ₂	GIBCO, by Life Technologies		
Ni-NTA Agarose Beads	Qiagen		
Polypropylene Column	Qiagen		
NaHPO ₄			
NaAc			
Detroit-551 cells			
SK-MEL-31 cells			
MEM			
TrypLE Express	GIBCO, by Life Technologies		
T4 DNA Ligase	New England Biolabs		
Dimethyl Sulfoxide	Promega Corp.		
Sp6 RNA Polymerase	Promega Corp.		
RNase-Free DNase I	Promega Corp.		
RNase Inhibitor	Promega Corp.		

SensiScript Reverse Transcriptase	Qiagen		
pCR-2.1-TOPO Vector	Invitrogen		
DH5α Competent Cells	Invitrogen		
Plasmid Mini Kit	Qiagen		
Vector NTI	Invitrogen		
T4 Polynucleotide Kinase	New England Biolabs		
γ - ³² P-ATP			