

Materials List for:

A Modified Yeast-one Hybrid System for Heteromeric Protein Complex-DNA Interaction Studies

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Materials

Name	Company	Catalog Number	Comments
pDEST22 vector	Invitrogen	PQ1000101	Pro-Quest Two hybrid system kit
pDEST32delatDBD	Invitrogen	PQ1000102	Pro-Quest Two hybrid system kit; this vector is modified. It is pDEST32 minus DNA binding Domain
pENTR/D-TOPO Cloning Kit	Invitrogen	K240020	
YM4271 Strain	Clontech	K1603-1	MATCHMAKER One-Hybrid System
pEXP-AD502	Invitrogen	PQ1000101	Pro-Quest Two hybrid system kit
GATEWAY LR Clonase II enzyme mix	Invitrogen	11791020	
YPDA media	Clontech	630410	
SD-Agar	Clontech	630412	
SD minimal media	Clontech	630411	
Uracil DO Supplement	Clontech	630416	
Tryptophan Do Supplement	Clontech	630413	
Tris Base	Fisher Scientific	BP152-1	
EDTA	Fisher Scientific	S311-500	
LiAc	Sigma-Aldrich	L4158	
Saplon Spermin (10mg/ml)	Invitrogen	15632011	
96 well round bottom Plate	Greiner bio-one	650101	
PEG3350	Sigma-Aldrich	1546547	
96-deep well block	USA Scientific	1896-2000	
Sealable Foil	USA Scientific	2923-0110	
Araseal	Excel Scientific	B-100	
2-mercaptoethanol	Fisher Scientific	034461-100	
ONPG	Sigma-Aldrich	73660	
Na ₂ CO ₃	Sigma-Aldrich	223484	
Na ₂ HPO ₄	Sigma-Aldrich	S3264	
NaH ₂ PO ₄	Sigma-Aldrich	S3139	
KCL	Fisher Scientific	BP366-500	
MgSO ₄	Sigma-Aldrich	83266	
HCL	Fisher Scientific	SA54-4	
Drybath	Thermo Fischer		

Vortex	Thermo Fischer		
Centrifuge	Eppendorf	Centrifuge 5810R	
Plate Reader	Molecular Device		SPECTRAMAX PLUS Microplate Spectrophotometer
Incubator	Thermo Fisher	Model No. 5250- 37 Degree, 6250-30 degrees	
Shaker Incubator	New Brunswick		
Water Bath	Thermo Fisher	IsoTemp 205	
Puncher			
50 ml Falcon	BD Falcon		
Beaker	Nalgene		
Flask	Nalgene		
Petriplates (150mm)	Greiner bio-one		