

Materials List for:

Detecting the Ligand-binding Domain Dimerization Activity of Estrogen Receptor Alpha Using the Mammalian Two-Hybrid Assay

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Materials

Name	Company	Catalog Number	Comments
pG5-Luc	Promega	E249A	Component of CheckMate Mammalian Two-Hybrid System
pBIND	Promega	E245A	Component of CheckMate Mammalian Two-Hybrid System
pACT	Promega	E246A	Component of CheckMate Mammalian Two-Hybrid System
One Shot TOP10 Chemically Competent E. coli	Invitrogen	C404010	
Centrifuge Rotor	SORVALL	75006445	
Swing Buckets	SORVALL	75006441	
Cell Resuspension Solution (CRA)	Promega	A7112	
Cell Lysis Solution (CLA)	Promega	A7122	
Neutralization Solution (NSA)	Promega	A7131	
Column Wash Solution (CWB)	Promega	A8102	
Wizard Midipreps DNA Purification Resin	Promega	A7701	
Wizard Midicolumns	Promega	A7651	
MEM, no glutamine, no phenol red	Gibco	51200038	
L-glutamine (200 mM)	Gibco	A2916801	
0.5% Trypsin-EDTA (10x)	Gibco	15400054	
Penicillin-Streptomycin (100x)	Sigma-Aldrich	P0781	
BenchMark fetal bovine serum (FBS)	Gemini-Bio	100-106	Heat inactivated
Charcoal:dextran stripping fetal bovine serum	Gemini-Bio	100-119	Heat inactivated
DMEM, high glucose, no glutamine, no phenol red	Gibco	31053028	for transfection
Lipofectamine 2000	Invitrogen	11668027	
Passive Lysis 5X Buffer	Promega	E1941	
Dual-Luciferase Reporter Assay System	Promega	E1980	
SpectraMax L microplate reader	Molecular Devices		
SoftMax Pro Software	Molecular Devices		