

Materials List for:

Drug-induced Sensitization of Adenylyl Cyclase: Assay Streamlining and Miniaturization for Small Molecule and siRNA Screening Applications

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URL: <https://www.jove.com/video/51218>

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Materials

Name	Company	Catalog Number	Comments
CHO-K1-DRD _{2L} cells	DiscoverRx	930579C2	
Ham's F12 media	VWR	SH30026fs	
Fetal Bovine Serum	VWR	SH3007003	
G418	Sigma	A1720	
Hygromycin	Fisher	50-230-5556	
Penicillin/streptomycin	Life Technologies	15070063	
15 cm dishes	BD Falcon	353025	
DMSO	Sigma	D2650	
Cell dissociation buffer	Life Technologies	13150016	
Phosphate Buffered Saline	Life Technologies	10010-049	
Cryovials	Fisher	976171	
Opti-MEM	Life Technologies	31985070	
TC treated 384-well plates	Perkin-Elmer	6007688	
HTRF cAMP Dynamic 2 kit	Cisbio Bioassays	62AM4PEB	http://www.htf.com/camp-cell-based-assay
Synergy 4	Biotek	H4MLFPTAD	
Prism 6	GraphPad Software	NA	
3-Isobutyl-1-methylxanthine	Sigma	I5879	
(±)Quinpirole	Sigma	Q111	
Spiperone	Sigma	S7395	
Clozapine	Sigma	C6305	
Haloperidol	Sigma	H1512	
S-(-)Sulpiride	Sigma	S112	
Lipofectamine 2000 transfection reagent	Invitrogen	11668019	
Trypan blue	Life Technologies	T10282	
Water, DNase- and RNase-free	MP Biomedicals	821739	
Ga _s siRNA	Dharmacon	custom siRNA	
Nontargeting siRNA control	Dharmacon	D-001206-14-20	
siGlo Red	Dharmacon	D-001630-02	