

Materials List for:

Live-cell Measurement of Odorant Receptor Activation Using a Real-time cAMP Assay

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Materials

Name	Company	Catalog Number	Comments
Amphotericin B	Sigma	A2942	
DMSO	Sigma	D2650	
FBS	Gibco	10099-141	
GloSensor cAMP reagent	Promega	E1290	
pGloSensor-20F cAMP plasmid	Promega	E1171	
Hana3A cells			available from authors upon request
HBSS, without calcium or magnesium	GIBCO	14175095	
HEPES	Hyclone	SH30237	
Lipofectamine2000	Invitrogen	11668-019	
M3R plasmid			cloned into a mammalian expression vector such as pCI
MEM, with EBSS and L-glutamine	Hyclone	SH30024	
Muscone	Santa Cruz	sc-200528	
Musk tibetene	Sigma-Aldrich	S359165	
OR plasmids			cloned with a Rho-tag into a mammalian expression vector such as pCI
PBS, without calcium or magnesium	Cellgro	21-040-CV	
Penicillin-streptomycin	Hyclone	SV30010	
Plasmid miniprep kit	Tiagen	DP103-03	
Puromycin	Sigma	P8833	
RTP1S plasmid			cloned into a mammalian expression vector such as pCI
Trypsin-EDTA	Hyclone	SH30236	
0.2-mL PCR tube	Axygen	PCR-02-C	
1.5-mL Eppendorf tube	Eppendorf		
15-mL 17 mm x 120 mm conical tube	BD Falcon	352096	
8-well and/or 12-well multichannel pipetman	Eppendorf		

96-well flat-bottomed white cell culture plate	Greiner	655098	
100 mm x 20 mm cell culture dish	BD Falcon	353003	
Class II biological safety cabinet with laminar flow			
Cell culture incubator, with 5% CO ₂			
Centrifuge, with swinging bucket rotor for 15-ml conical tubes			
Infinite F200 plate reader	Tecan		
Phase-contrast microscope with x10 and x20 objectives			
Spectrophotometer			
Sterile reagent reservoirs for multichannel distribution			
Sterile paper towel			