

Materials List for:

Monitoring GPCR-β-arrestin1/2 Interactions in Real Time Living Systems to Accelerate Drug Discovery

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Materials

| Name | Company | Catalog Number | Comments |
|-------------------------------------|--------------------------|----------------|---|
| Antibiotics penicillin streptomycin | Welgene | LS202-02 | Penicillin/Streptomycin |
| Bacterial Incubator | JEIO Tech | IB-05G | Incubator (Air-Jacket), Basic |
| Cell culture medium | Welgene | LM 001-05 | DMEM Cell culture medium |
| Cell culture transfection medium | Gibco | 31985-070 | Optimem 1X cell culture medium |
| CO2 Incubator | NUAIRE | NU5720 | Direct Heat CO2 Incubator |
| Digital water bath | Lab Tech | LWB-122D | Digital water bath lab tech |
| DNA Polymerase proof reading | ELPIS Biotech | EBT-1011 | PfU DNA polymerase |
| DNA purification kit | Cosmogenetech | CMP0112 | miniprepLaboPass Purificartion Kit Plasmid Mini |
| DNA Taq Polymerase | Enzynomics | P750 | nTaq DNA polymerase |
| Enzyme restriction BgIII | New England Biolabs | R0144L | BgIII |
| Enzyme restriction buffer | New England Biolabs | B72045 | CutSmart 10X Buffer |
| Enzyme restriction EcoRI | New England Biolabs | R3101L | EcoRI-HF |
| Enzyme restriction NheI | New England Biolabs | R01315 | NheI |
| Enzyme restriction XhoI | New England Biolabs | R0146L | XhoI |
| Fetal Bovine Serum | Gibco Canada | 12483020 | Fetal Bovine Serum |
| Gel/PCR DNA MiniKit | Real Biotech Corporation | KH23108 | HiYield Gel/PCR DNA MiniKit |
| Ligase | ELPIS Biotech | EBT-1025 | T4 DNA Ligase |
| Light microscope | Olympus | CKX53SF | CKX53 Microscope Olympus |
| lipid transfection reagent | Invitrogen | 11668-019 | Lipofectamine 2000 |
| Luminometer | Biotek/Fisher Scientific | 12504386 | Synergy 2 Multi-Mode Microplate Readers |
| NanoBiT System | Promega | N2014 | NanoBiT PPI MCS Starter System |
| Nanoluciferase substrate | Promega | N2012 | Nano-Glo Live Cell assay system |
| PCR Thermal cycler | Eppendorf | 6336000015 | Master cycler Nexus SX1 |
| Poly-L-lysine | Sigma Aldrich | P4707-50ML | Poly-L-lysine solution |
| Trypsin EDTA | Gibco | 25200-056 | Trysin EDTA 10X |
| White Cell culture 96 well plates | Corning | 3917 | Assay Plate 96 well plate |