References: cAMP-Screen Direct® Immunoassay System

(Chemiluminescent immunoassay system for the quantitation of cAMP from mammalian cells)

Cell lines expressing endogenous receptors


(Pin6, murine pancreatic Beta-cell line expressing endogenous extendin-4 receptor; cAMP functional read-out following siRNA knockdown) PMID: 16272563


(NIH/3T3 cells endogenously expressing A2BAR) PMID: 16841096

Cell lines expressing exogenous (transfected) receptors


(CHO-K1 cell bioassay for exogenously added purified recombinant bacterial adenylate cyclase) PMID: 15575695


(CHO-K1 cells stably-expressing mosquito Ang-sNP (short neuropeptide F receptor)) PMID: 17140700


(CHO cells stably-expressing human FSHR (follitropin receptor) and human LHR (lutropin receptor)) PMID: 16794004


(CHO cells stably-expressing human LH/chorionic gonadotropin receptor) PMID: 17495128


(Hana3A or HEK293-T cells transiently-expressing GPCR odorant receptors) PMID: 15550249


(CHO-K1 cell bioassay for antibody-based inhibition of exogenously added purified recombinant bacterial adenylate cyclase) PMID: 15937757


(SSTR2 PathHunter® CHO cells stably expressing SSTR2 GPCR) PMID: 18660457


(CHO-K1 cell bioassay for exogenously added purified recombinant bacterial adenylate cyclase) PMID: 15847796
Primary cells/tissues expressing endogenous receptors


(hypothalamic and hippocampal mouse brain tissue slices)  PMID: 18955119


(primary human bronchial smooth muscle cells (BSMCs) expressing endogenous adenosine receptors)  PMID: 15472138


(primary human lung fibroblasts (HLFs) expressing endogenous adenosine receptors)  PMID: 16778150


(primary human bronchial epithelial cells (HBECs) expressing endogenous adenosine receptors (AdoR))  PMID: 16778150

cAMP-Screen® and cAMP-Screen Direct® Immunoassay Systems are for Research Use Only. Not for use in diagnostic procedures.