

PathHunter™ eXpress HEK 293 CCR7 β-Arrestin Cells

Product Code:	93-0195E1	Quantity:	2 vials, 100 μL per vial
Lot Number:	08E1906	Concentration:	10 x 10 ⁶ cells/mL
Media:	Optimized Cell Culture (OCC) Media		
Background:	Cells have been designed for short term use in monitoring human Chemokine receptor 7 (CCR7, AY587876) activation and internalization. Assay Ready cells are pre-grown, quality tested and ready to screen, saving time and adding convenience.		
Specifications:	EC ₅₀ for β-Arrestin recruitment by CCR7: 21.1 nM		

The PathHunter™ eXpress HEK 293 CCR7 β-Arrestin cells have been modified to prevent long term propagation and expansion using a proprietary compound and have no apparent toxicity or change in cellular signal transduction. Cells are frozen in Complete Media (containing 10% fetal bovine serum/100 U/mL penicillin and streptomycin) plus 10% DMSO. Cell line tests negative for mycoplasma.

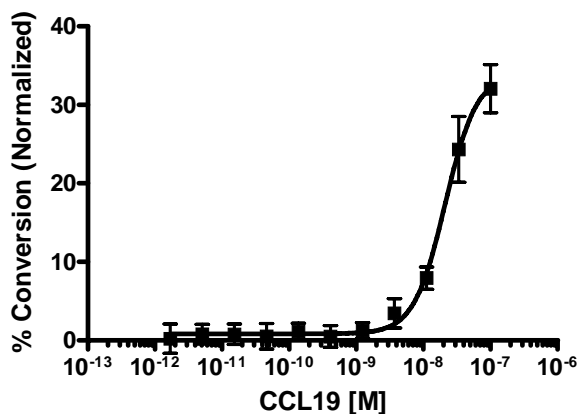


Figure 1: PathHunter eXpress HEK 293 CCR7 β-Arrestin cells were stimulated with CCL19 (R+D Systems; 361-MI), a known agonist, for 90 minutes. Following stimulation and addition of stop solution, fluorescent signal was detected on the Caliper LabChip® EZ Reader II instrument using instrument-specific settings and PathHunter Detection Reagents. Data was normalized against a control well containing cells only (no agonist) and reported as % Conversion (ratio of product to the peak sum, P/(P+S) x 100%).

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