

Version: 01

Update: 09/27/2022

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/5-HT2A
Cat. No.	M00251
Lot No.	R50322202
Host Cell:	CHO-K1
Target Gene:	5-HT2A
Size:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice (-80°C)
Storage Condition:	Liquid Nitrogen (-196°C)

Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F-12K (Kaighn's), 10% FBS, 400 µg/ml G418

Freeze Medium: 45% culture medium, 45% FBS, 10% DMSO

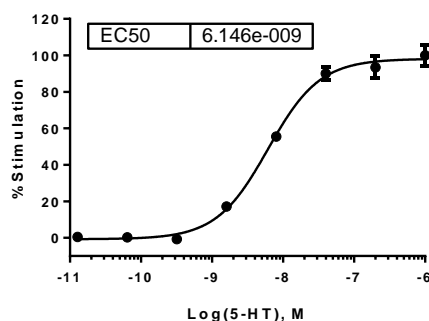
Application: Calcium Flux assay on 5-HT2A receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	98.81%
Quantity	>1x10 ⁶ cells/vial	2.72x10 ⁶ cells/vial

* The mycoplasma test was performed with MycoAlert™ PLUS Mycoplasma Detection Kit of Lonza.

Calcium Flux assay

Agonist Test of Calcium Flux Assay on
CHO-K1/5-HT_{2A} cells



5-HT-induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/5-HT_{2A} cells, EC₅₀ = 6.15 nM.

Date: 09/27/2022

Approved by: *Dan Jiang*

Department of Reagent Product R&D

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