

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/mouse ADORA2A
Cat. No.	M00575
Lot No.	R10021911-20
Host Cell:	CHO-K1
Target Gene:	mouse ADORA2A
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

Stable Cell Line Information

Recommended Cell Culture Medium: F-12K, 10% FBS, 450 µg/ml Zeocin

Freeze Medium: 95% complete growth medium, 5% DMSO

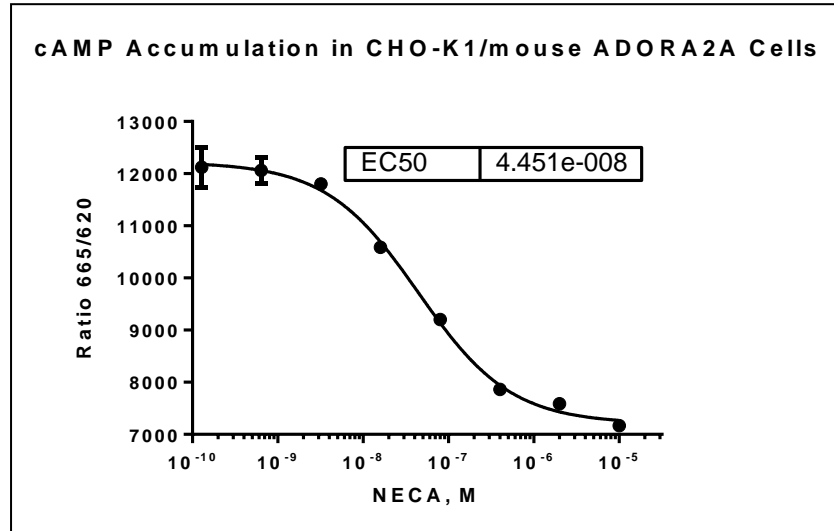
Application: cAMP assay on mouse ADORA2A receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	cAMP assay	EC ₅₀ =4.451×10 ⁻⁸ M

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

Appendix

cAMP assay



NECA induced concentration-dependent stimulation of intracellular cAMP accumulation in CHO-K1/mouse ADORA2A cells. EC₅₀ = 4.451 × 10⁻⁸ M.

Caution

For research use only. Not intended for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:

Wang Yue

Date: 11/15/2019

Department of New Technology