

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/NK2
Cat. No.	M00200
Lot No.	R10061909-3
Host Cell:	CHO-K1
Target Gene:	NK2
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: Ham's F-12K, 10% FBS, 400 µg/ml G418

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

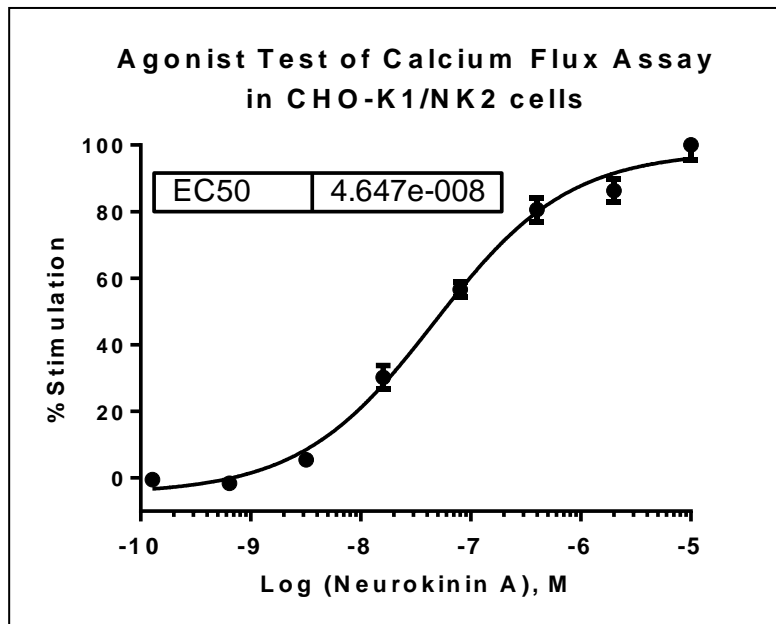
Application: Calcium flux assay on NK2 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium flux assay	EC ₅₀ =4.647×10 ⁻⁸ M

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

Appendix

1. Calcium Flux Assay



Neurokinin A induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/NK2 cell, $EC_{50} = 4.647 \times 10^{-8}$ 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: 12/06/2019

Department of New Technology