

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/D1
Cat. No.	M00247
Lot No.	R10041909-3
Host Cell:	CHO-K1
Target Gene:	D1
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, 200 µg/ml Zeocin

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

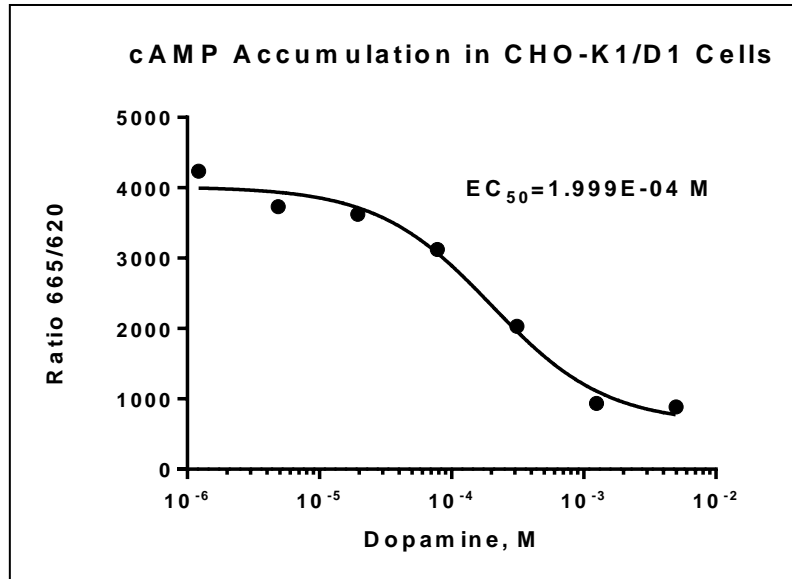
Application: cAMP assay on D1 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	cAMP assay	EC ₅₀ = 1.999×10 ⁻⁴ M

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

Appendix

cAMP assay



Dopamine induced concentration-dependent stimulation of cAMP in CHO-K1/D1 cells, $EC_{50}=1.999 \times 10^{-4} M$.

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: 03/31/2020

Department of New Technology