

Version: 01

Update: 03/09/2023

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/M3
Cat. No.	M00259
Lot No.	R50423202
Host Cell:	CHO-K1
Target Gene:	M3
Size:	2 vials of frozen cells, > 1x10 ⁶ cells/vial in 1 ml
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: Intracellular calcium mobilization on M3 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative
Cell viability	>90%	97%
Quantity	>1x10 ⁶ cells/vial	2.11x10 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/M3 cells

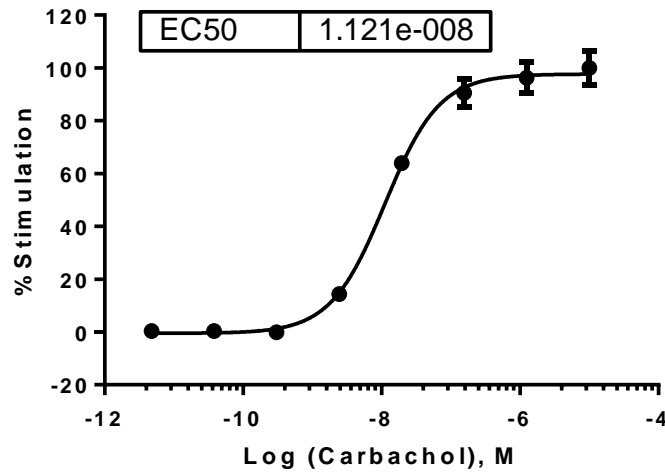


Figure 1. Carbachol induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/M3 cells, $EC_{50} = 1.121 \times 10^{-8}$ M.

Date: 03/09/2023

Approved by: *Min Qiu*

Department of Reagent Product R&D

For research use only. Not intended for human and animal therapeutic or diagnostic use.

For support contact us at:

400-025-8686-5810 or 5256 (CN)

Web: www.genscript.com.cn

1-732-885-9188 (USA)

65-3159-1898 (Asia Pacific)

31(0)-71-569-0120 (Europe)

81-3-6811-6572 (Japan)

82-10-9311-9208 (Korea)

44(1865)679988 (United Kingdom)

Web: www.genscript.com

生产商：南京金斯瑞生物科技有限公司 江苏省南京市江宁区科学园雍熙路 28 号

Manufacturer: Nanjing GenScript Biotech Co., Ltd. No. 28 Yongxi Road, Jiangning District, Nanjing, Jiangsu, China

GenScript USA, Inc.

860 Centennial Ave. Piscataway, NJ 08854

Tel: 1-732-885-9188