

Version: 01

Update: 02/10/2023

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/M1
Cat. No.	M00185
Lot No.	R50222B02
Host Cell:	CHO-K1
Target Gene:	M1
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, 200 µg/ml Zeocin

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

Application: Calcium flux assay, IP-One assay and radio-ligand binding assay targeting M1.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative
Cell viability	>90%	95.93%
Quantity	>1x10 ⁶ cells/vial	2.4x10 ⁶ cells/vial

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

Calcium Flux Assay

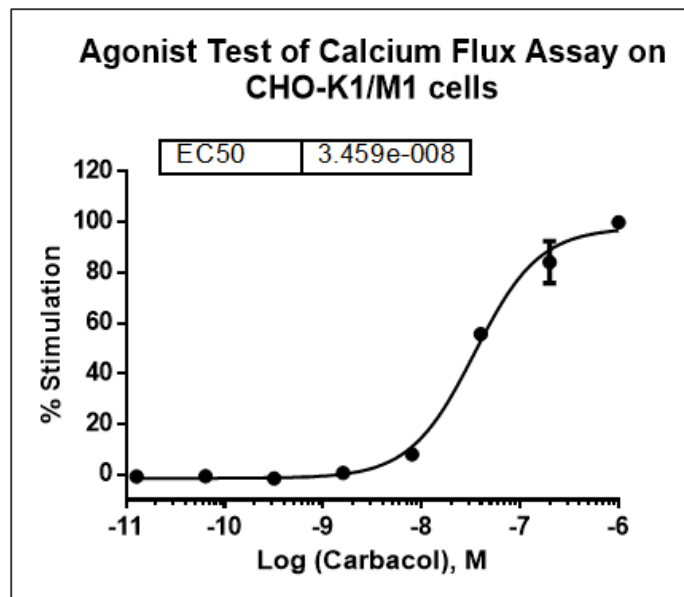


Figure 1. Carbacol induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/M1 cells, $EC_{50} = 3.46E-8$ M.

Date: 02/10/2023

Approved by: *Kong Yang*

Department of Reagent Product R&D

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