

Version: 01

Update: 05/06/2024

## CERTIFICATE OF ANALYSIS

### Product Information

Product Name	CHO-K1/EDNRA
Cat. No.	M00149
Lot No.	R10132110
Host Cell:	CHO-K1
Target Gene:	EDNRA
Size:	2 vials of frozen cells, > 1x10 <sup>6</sup> cells/vial
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

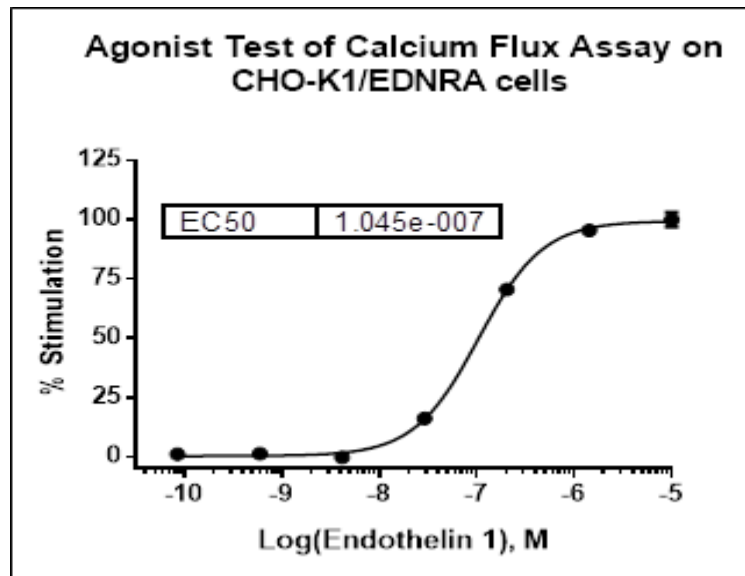
**Freeze Medium:** 45% culture medium, 45% FBS, 10% DMSO

**Application:** Calcium Flux assay on EDNRA receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	≥90%	96.84%
Quantity	>1x10 <sup>6</sup> cells/vial	2.25x10 <sup>6</sup> cells/vial

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

## Calcium Flux assay



Endothelin 1 induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/EDNRA cells,  $EC_{50} = 1.045 \times 10^{-7}$  M.

Date: 05/06/2024

Approved by: *Jinhong Chen*

Department of Reagent Product R&D

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

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