

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/EDNRA
Cat. No.	M00149
Lot No.	R10261908-5
Host Cell:	CHO-K1
Target Gene:	EDNRA
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Storage Condition:	Liquid Nitrogen recommended, thaw and recovery the cells in 1 year from date received

Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F-12 + 10% FBS +200 µg/ml Zeocin

Freeze Medium: 45% culture medium + 45% + 10% DMSO (V/V)

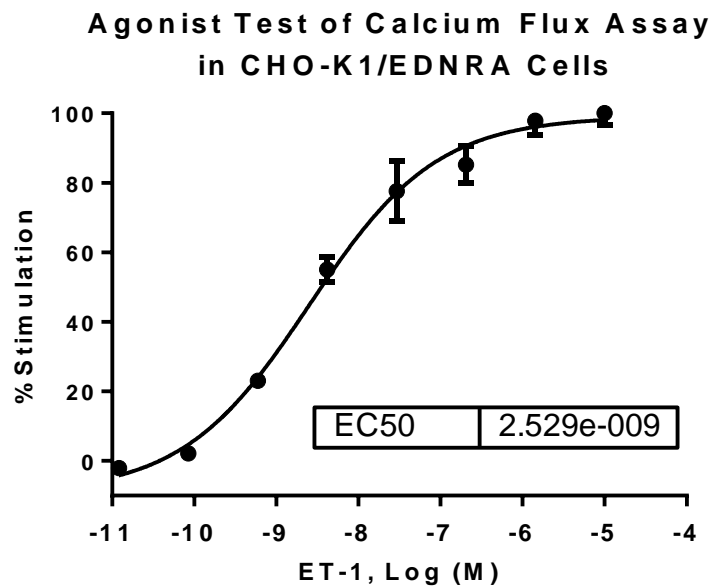
Application: Calcium Flux assay on ETA receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	93%
Function assay	Calcium Flux assay	EC ₅₀ = 2.529x10 ⁻⁹ M

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

Appendix

Calcium Flux assay



ET-1 induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/EDNRA cells, $EC_{50} = 2.529 \times 10^{-9} M$

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.

Certified by: *Dan Jiang* Date: 08/31/2020
Department of Biologics Development Director