

CERTIFICATE OF ANALYSIS

Product Information

Product Name	CHO-K1/Kiss1
Cat. No.	M00190
Lot No.	R10011811-4
Host Cell:	CHO-K1
Target Gene:	KiSS1
Quantity:	2 vials of frozen cells, > 1x10 ⁶ cells/vial
Shipping Condition:	Dry Ice
Recommended Storage Condition:	Liquid Nitrogen

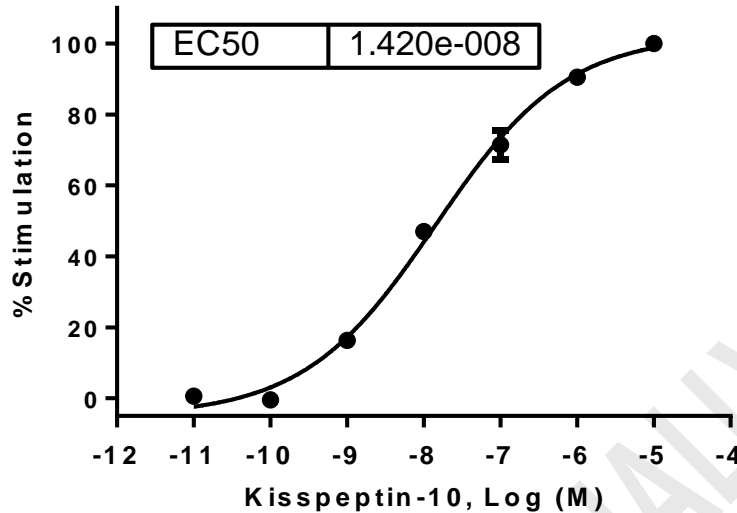
Stable Cell Line Information

Recommended Cell Culture Medium: Ham's F-12K, 10% FBS, 400 µg/ml G418

Application: Intracellular calcium mobilization on Kiss1 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	95%
Function assay	Calcium Flux assay	EC ₅₀ =14 nM

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

Appendix**Calcium Flux Assay****Agonist test of Calcium Flux Assay on Kiss1 Receptor**

Kisspeptin-10 induced concentration-dependent stimulation of intracellular calcium mobilization in CHO-K1/KiSS1 cells, $EC_{50} = 14$ nM.

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 Yan* Date: 11/27/2018
Department of New Technology