

CERTIFICATE OF ANALYSIS

Product Information

Product Name	HEK293/H1
Cat. No.	M00131
Lot No.	R10141907-4
Host Cell:	HEK293
Target Gene:	H1
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: DMEM, 10% FBS, 200 µg/ml Zeocin

Freeze Medium: 90% FBS, 10% DMSO

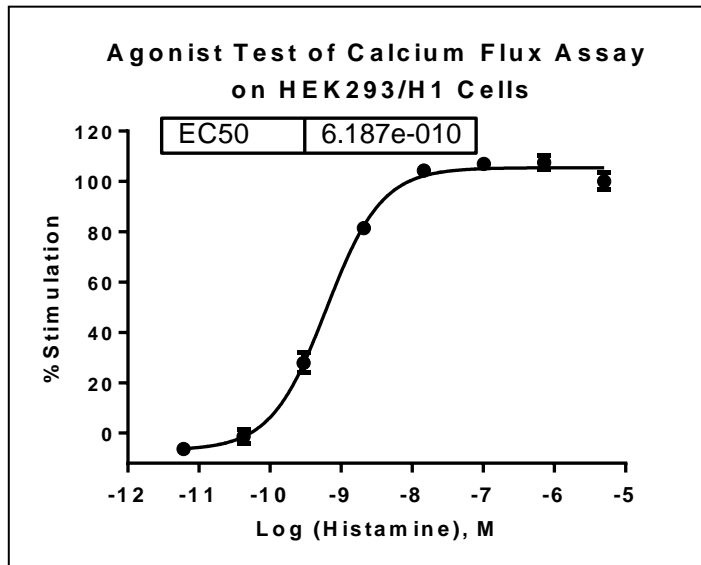
Application: Calcium Flux assay on D1 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*(0.71)
Cell viability	>90%	95%
Function assay	Ca ²⁺ assay	EC ₅₀ =6.19x10 ⁻¹⁰ M

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

Appendix

Calcium Flux assay



Histamine induced intracellular calcium flux in HEK293/H1 cells, $EC_{50}=6.19 \times 10^{-10}$ 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 representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by: *Wang Yue* Date: 05/08/2020
Department of New Technology