

Version: 01
Update: 04/11/2023

CERTIFICATE OF ANALYSIS

Product Information

Product Name	HEK293/H1
Cat. No.	M00131
Lot No.	R51022303
Host Cell:	HEK293
Target Gene:	H1
Size:	2 vials of frozen cells ($> 1 \times 10^6$ per vial in 1 ml)
Shipping Condition:	Dry Ice (-80°C)
Storage Condition:	Liquid Nitrogen (-196°C)

Stable Cell Line Information

Recommended Cell Culture Medium: DMEM, 10% FBS, 200 µg/ml Zeocin

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

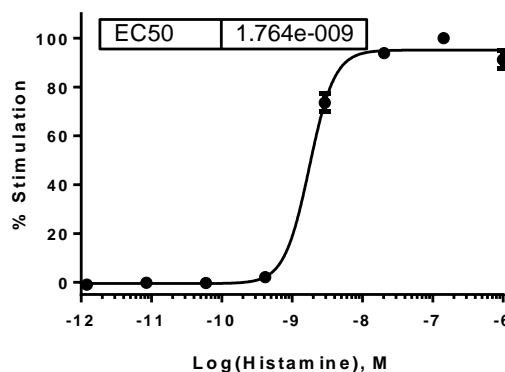
Application: Calcium Flux assay, IP-one assay on H1 receptor.

Test Item	Specification	Result
Mycoplasma	Negative*	Negative*
Cell viability	>90%	99.44%
Quantity	$>1 \times 10^6$ cells/vial	2.45×10^6 cells/vial

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

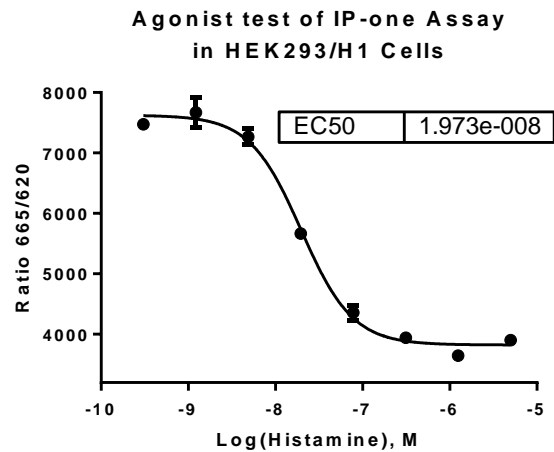
Calcium Flux assay

Agonist Test of Calcium Flux Assay on
HEK293/H1 cells



Histamine-induced concentration-dependent stimulation of intracellular calcium mobilization in HEK293/H1 cells, $EC_{50} = 1.764 \times 10^{-9}$ M.

IP-one assay



Histamine-induced concentration-dependent stimulation of IP-one in HEK293/H1 cells, $EC_{50} = 1.973 \times 10^{-8} M$.

Date: 04/11/2023

Approved by: *Jinhong Chen*

Department of Reagent Product R&D

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

For support contact us at:

400-025-8686-5810 or 5256 (CN)

Web: www.genscript.com.cn

1-732-885-9188 (USA)

65-3159-1898 (Asia Pacific)

31(0)-71-569-0120 (Europe)

81-3-6811-6572 (Japan)

82-10-9311-9208 (Korea)

44(1865)679988 (United Kingdom)

Web: www.genscript.com

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