



光鹽檢測科技股份有限公司

Light-Salt Testing Co., Ltd.

分析檢驗報告

委託編號：10908105
報告日期：109 年 09 月 24 日
委託單位：京曜生醫有限公司
採樣方式： 本公司採樣 委託單位採樣
備註：本報告封面1頁，樣品檢測報告5頁，
共計6頁，報告分離使用無效。

光鹽檢測科技股份有限公司

Light-Salt Testing Co., Ltd.

地址：高雄市路竹區路科二路 63 號 3 樓

電話：07-6955945 傳真：07-6955948



檢驗報告 Test Report

報告編號：10908105
委託單位：京曜生醫有限公司
採樣單位：京曜生醫有限公司
樣品特性：液體

報告日期：109/09/24
採樣日期：---
收樣日期：109/07/28
測試日期：109/08/14

測試項目	Cell viability Anti-Enterovirus 71 replication experiment	檢測方法	方法偵測極限
樣品名稱 (編號)	測試結果		
CV19-XH	如附表	如附表	
CV19-XHW			
備註： 1. 低於方法偵測極限之測定值以 "N.D." 表示。 2. 因樣品特性無法檢測之陰離子以 "--" 表示。 3. 本報告不得分離使用，分離使用無效。 4. 本報告僅對該樣品負責，不得隨意複製及作為宣傳廣告之用。			



報告簽署人



檢驗報告 Test Report

附表

Item name : 細胞毒性(活性) 測試

Basic information						
Sample size	2		Sample name	CV19-XH, CV19-XHW		
Material and Method						
Cell line (Medium)	Vero cell (MEM)		Testing condition	10, 5, 2.5, 1.25, 0.63, 0.32, 0.16, 0 %		
Reaction time	48 hours		Analysis method	CellTiter-Glo® One Solution Assay		
Results						
Sample name (dilution %)	Cell viability (% of control)					
	0 %	0.16 %	0.32 %	0.63 %	1.25 %	2.5 %
CV19-XH	100.0 ± 2.7	98.4 ± 3.5	94.4 ± 1.6	78.4 ± 0.7	71.0 ± 2.3	56.0 ± 3.6
	5 %	10 %				
	9.7 ± 0.4	9.2 ± 0.4				
Half-maximal cytotoxic concentrations (CC50)					2.65%	
Sample name (dilution %)	Cell viability (% of control)					
	0 %	0.16 %	0.32 %	0.63 %	1.25 %	2.5 %
CV19-XHW	100.0 ± 2.7	103.8 ± 0.8	105.8 ± 3.5	83.3 ± 3.7	22.4 ± 2.3	0.2 ± 0.1
	5 %	10 %				
	0.1 ± 0.0	0.2 ± 0.0				
Half-maximal cytotoxic concentrations (CC50)					0.96%	



檢驗報告 Test Report

Item name : Anti-Enterovirus 71 replication experiment

Basic information					
Sample size	2		Sample name	CV19-XH, CV19-XHW	
Material and Method					
Cell line	Vero cells (MEM)		Virus	Enterovirus 71	
Multiplicity of infection ^a	0.1		Reaction time	48 hours	
Testing concentration	2.5, 1.25, 0.63, 0.32, 0.16%		Analysis method	Real-time qPCR	
QC Results					
Test Item	Specifications				Results
RNA Quantity/Quality	Actual yield (by A260)				>3 µg
	Purity (A 260/A280 = > 2.0)				Pass
	# of Tubes				6
	Matrix				TE
Appearance	Clear, no visible particles				pass
Label	Correct and white				pass
RT-qPCR	Melt Curve				pass
Results					
Compound (%)	Relative EV71 RNA level (% of control)				
	2.5	1.25	0.63	0.32	0.16
CV19-XH	0.2 ± 1.9	1.3 ± 8.5	7.5 ± 4.1	10.4 ± 1.8	13.9 ± 5.9
Half maximal effective concentration (EC50) of CV19-XH:			N/A *		
Selectivity Index (SI, CC50/EC50):			N/A *		

*CV19-XH 在含量 0.16%情況下,依然有 80%以上的腸病毒抑制效果



檢驗報告 Test Report

Item name : Anti-Enterovirus 71 replication experiment

Basic information

Sample size

2

Sample name

CV19-XH, CV19-XHW

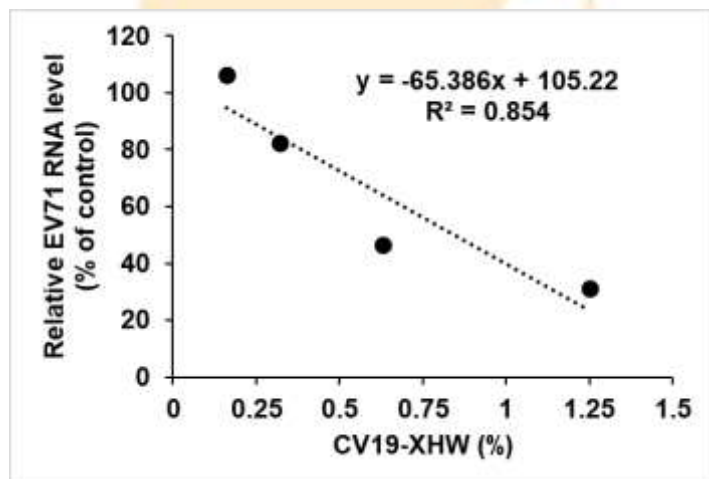
Results

Compound (%)	Relative EV71 RNA level (% of control)				
	2.5	1.25	0.63	0.32	0.16
CV19-XHW	N/A	31.3 ± 8.2	46.4 ± 3.1	82.5 ± 8.3	106.3 ± 7.1

Half maximal effective concentration (EC50) of CV19- XHW: 0.84%

Selectivity Index (SI, CC50/EC50): 1.14

Figure



Laboratory supervisor:



Date: 2020/09/10



光鹽檢測科技股份有限公司
Light-Salt Testing Co., Ltd.

檢驗報告 Test Report

樣品照片



Cell viability

FINAL REPORT

Client's name : 京曜生醫有限公司

Date of receipt : 2020/08/20

Item name : Cell viability

Basic information						
Sample size	2		Sample name	CV19-XH, CV19-XHW		
Material and Method						
Cell line (Medium)	Vero cell (MEM)		Testing condition	10, 5, 2.5, 1.25, 0.63, 0.32, 0.16, 0 %		
Reaction time	48 hours		Analysis method	CellTiter-Glo® One Solution Assay		
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Sample name (dilution %)	Cell viability (% of control)					
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	5 %	10 %				
	0.1 ± 0.0	0.2 ± 0.0				
Half-maximal cytotoxic concentrations (CC50)					0.96%	



Laboratory supervisor :



Date : 2020/09/10

錫德斯生醫科技股份有限公司

高雄市路竹區路科二路63號4樓 <https://www.biosidsco.com/>

服務專線 : 0800-800-096 統一編號 : 42814106

Anti-Enterovirus 71 replication experiment FINAL REPORT

客戶名稱： 京曜生醫有限公司

服務內容： Anti-Enterovirus 71 replication experiment

送件日期： 2020/08/20

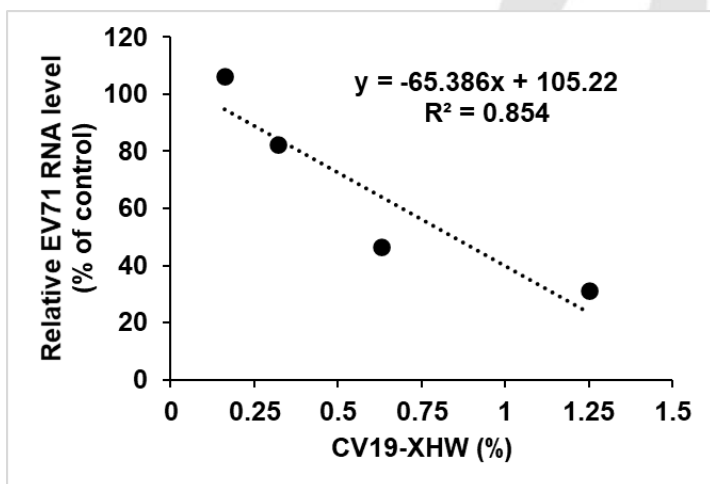


Basic information					
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Half maximal effective concentration (EC50) of CV19-XH: N/A					
Selectivity Index (SI, CC50/EC50): N/A					

Anti-Enterovirus 71 replication experiment FINAL REPORT

客戶名稱： 京曜生醫有限公司

服務內容： Anti-Enterovirus 71 replication experiment

送件日期： 2020/08/20

Basic information					
Sample size	2		Sample name	CV19-XH, CV19-XHW	
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Compound (%)	Relative EV71 RNA level (% of control)				
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Half maximal effective concentration (EC50) of CV19-XHW: 0.84%					
Selectivity Index (SI, CC50/EC50): 1.14					
Figure					
					
			<p>Laboratory supervisor: </p>		
			<p>Date: 2020/09/10</p>		