



GUANGDONG DETECTION CENTER OF MICROBIOLOGY

ANALYSIS AND TEST RESULT

Report No.: 2022SP05502R01E

Sterilization and disinfection equipment disinfection efficacy test

1. Test method: Refer to Technical Standard For Disinfection (ministry of health of PRC, edition 2002), section 2(2.1.5.8)

2. Method description: Add 2L tap water into the container, put the sample electrolytic ion generator into the water, turn on the power supply, put the virus slide in and electrolyze for 30min before testing.

3. Test results:

Test Virus	Host cell	Group	Logarithm of infectivity titre of virus (lgTCID ₅₀ /mL)	Infectivity titre of virus (TCID ₅₀ /mL)	Inactivation log value	Inactivation ratio (%)
Human coronavirus HCoV-229E	Huh-7 cells	control group 1	5.43	2.7 × 10 ⁵	/	/
		control group 2	5.20	1.6 × 10 ⁵		
		control group 3	5.20	1.6 × 10 ⁵		
		test group 1	<0.50	<3	>4.93	>99.99
		test group 2	<0.50	<3	>4.70	>99.99
		test group 3	<0.50	<3	>4.70	>99.99
Average					>4.78	>99.99

Cell control: Normal growth.

Photo of the sample:



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