

Test Report

Report No. : SHES260200287871 **Issue date**..... : 2026-04-20

Applicant : Multi Home Builder Sdn. Bhd.
No.32-01, Jalan SiLC 1/14, Kawasan Perindustrian SiLC, 79200 Iskandar Puteri, Johor, Malaysia

Manufacturer' : Local Basic Sdn. Bhd.
No. 11, Jalan Lengkok NIP 1/1, Taman Industri Nusajaya 1, 79200 Iskandar Puteri, Johor Malaysia.

Factory : Same as manufacturer

Laboratory..... : SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

Product Description..... : i-Bracket

Model No. : iBracket Classic 2.0, iBracket Smart

Date of Sample Received. : 2026-03-02 **No. of samples:** 2

Date of Test : 2026-03-02 to 2026-04-10

Test Standard..... : According to client's requirements

Test Item..... : See the following pages.

Test Result : See the following pages.

Remark /Note : 1. Test data in this report is only responsible for submitted test samples.
2. The report shall not be reproduced except in full, without approval of the laboratory.
3. Test data was provided by Shanghai WEIPU Testing Technology Group Co., LTD.
4. The model iBracket Smart is identical to the tested model iBracket Classic 2.0 except for the running operational mode (iBracket Smart is running non-stop continuously with WIFI support whereby iBracket Classic 2.0 is running continuously for 2 hours and rest for 1 hour), and such difference does not affect the viral remove test.
5. The test report shall only be used for client scientific research, teaching, internal quality control, product research and development, etc... and just for client internal reference.

Prepared By:


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Approved by:


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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Technical data:

Trademark	: MultiHome
Type of appliance	: i-Bracket
Type / model	: iBracket Classic 2.0, iBracket Smart
S/N	: --
Rated Voltage(V).....	: Type-C 5V Copper pin 12V
Nature of Supply or Frequency(Hz)	: dc
Rated power(W)	: --
Rated current (A)	: N/A

Copy of marking plates

Rating label:

Not provided by client
i-Bracket

Test Method:

The Nipah pseudovirus (rVSVΔG-NiV-M G/F) removal rate of the air disinfection machine was performed as the client's requirements. The device achieves auto-continual sterilization using PCA (Photocatalytic Agent) in the honeycomb structure. The device is plug-and-play, with features running continuously for 2 hours.

The air chamber preparation, sample collection, and virus removal rate calculation were performed in accordance with GB/T 18801-2022 Air Cleaner. The device was placed on a platform at a height of 70 cm. Continuously monitor the concentration of Nipah pseudovirus (rVSVΔG-NiV-M G/F) for 2h and report the result of removal rate.

Test results:

Virus and host cell	Duration	Test Number	Control group		Test group	
			Airborne infective titre (TCID ₅₀ /m ³)	Natural decay rate (%)	Airborne infective titre (TCID ₅₀ /m ³)	Removal rate (%)
Nipah pseudovirus (rVSVΔG-NiV-M G/F) Host cell: Vero E6	0h	1	2.33×10 ⁶	/	1.94×10 ⁶	/
		2	2.44×10 ⁶	/	2.33×10 ⁶	/
		3	3.08×10 ⁶	/	2.44×10 ⁶	/
	2h	1	9.73×10 ⁵	58.31	1.44×10 ⁵	82.22
		2	8.28×10 ⁵	66.12	1.25×10 ⁵	84.15
		3	1.14×10 ⁶	62.85	1.58×10 ⁵	82.62
	Average Removal rate (%)					83.00

Notes:

1. Test chamber volume: 20m³
2. Operation time: 2 h
3. Sampling method: Liquid impinger sampler
4. Sampling liquid: 2 mL
5. Flow rate of impactor: 13L/min
6. Sampling time: 5min

Product photos



***** End of Report*****

SGS's TEST REPORT ONLY REFLECTS SGS'S EVALUATION OF THE SAMPLE AND DOES NOT REFLECT THE EVALUATION OF THE BATCH OF GOODS FROM WHICH THE SAMPLE WAS TAKEN