



# TEST REPORT

1. NO : CT20-071468E

2. Client

○ Name : Wooridle life science

○ Address : #720, HausDsmartValley, Misagangbyeonseo-ro 16, Hanam-si, Gyeonggi-do, Republic of Korea

3. Date of Test : 2020.06.18 ~ 2020.07.14

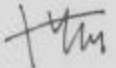

4. Use of Report : the others

5. Test Sample : Plasma module for Roomi

6. Test Method

(1) Client's requirement method



Affirmation	Tested By Name : Na, Dong Hyun 	Technical Manager Name : BIN SUNG IL 
This report is not accredited by KOLAS. Our report apply only to the standards or procedures identified and to the sample(s) tested unless otherwise specified. The test results are not indicative of representative of the qualities of the lot from which the sample was taken or of apparently identical or similar products. The results of using only a portion of this report cannot be guaranteed. The authenticity of this test report can be checked on KCL website( <a href="http://www.kcl.re.kr">www.kcl.re.kr</a> ).		

2020.07.14

Korea Conformity Laboratories President Yoon, Kap Seok 

Result Inquiry : unit108, Industry-Academic Cooperation Foundation, Hankyong National University, 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea (82-31-389-9193)



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## 7. Test Results

Test Items		Test method	Test Results			Testing Environment
			Early Conc. (CFU/mL)	After 24 h Conc. (CFU/mL)	Reduction rate (%)	
Antibacterial test : <i>Escherichia coli</i>	BLANK	Client's requirement method	$1.1 \times 10^4$	$1.1 \times 10^4$	-	(37.0 ± 0.2) °C
	Plasma module for Roomi		$1.1 \times 10^4$	< 10	99.9	
Antibacterial test : <i>Pseudomonas aeruginosa</i>	BLANK		$1.0 \times 10^4$	$1.0 \times 10^4$	-	
	Plasma module for Roomi		$1.0 \times 10^4$	< 10	99.9	
Antibacterial test : <i>Staphylococcus aureus</i>	BLANK		$1.3 \times 10^4$	$1.3 \times 10^4$	-	
	Plasma module for Roomi		$1.3 \times 10^4$	< 10	99.9	

※ CFU : Colony Forming Unit

※ Test bacteria : *Escherichia coli* ATCC 25922  
*Pseudomonas aeruginosa* ATCC 15442  
*Staphylococcus aureus* ATCC 6538

※ Sample : Plasma module for Roomi

※ Client's requirement method

- Test time : 24 hours
- Distance between of the medium inoculated with the bacteria and the sample : 1 cm

※ Inoculum preparation, Inoculation method, Assessment of Results : KCL-FIR-1002:2018 Mod.

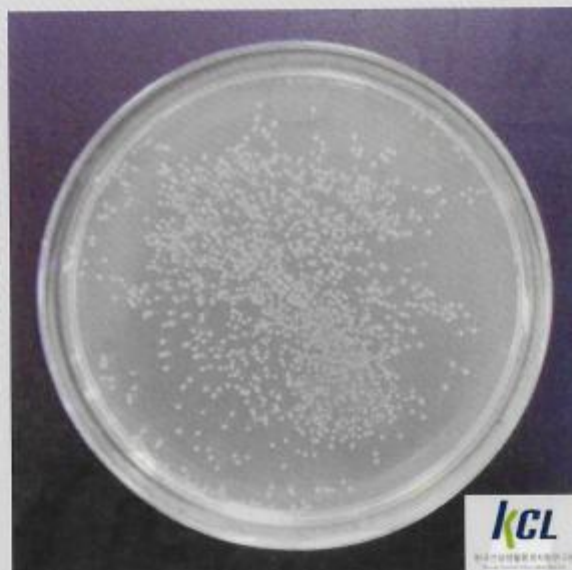
※ Location : unit108, Industry-Academic Cooperation Foundation, Hankyong National University,  
 327, Jungang-ro, Anseong-si, Gyeonggi-do, 17579, Korea





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<Picture 1. *Escherichia coli* - BLANK (0 h)>



<Picture 2. *Escherichia coli* - Plasma module for Roomi (24 h)>

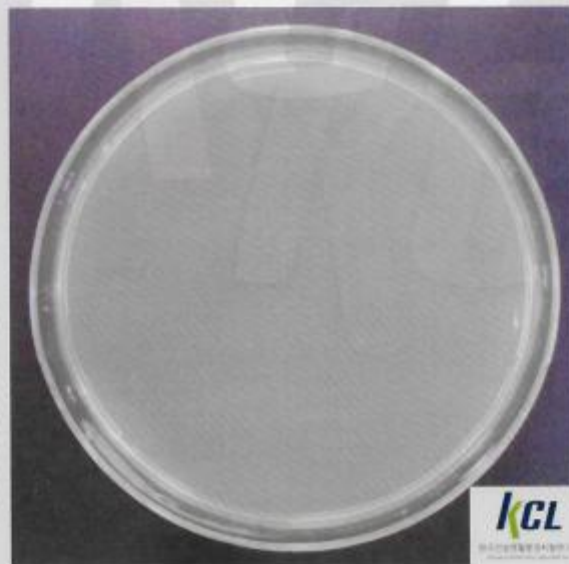


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<Picture 3. *Pseudomonas aeruginosa* - BLANK (0 h)>

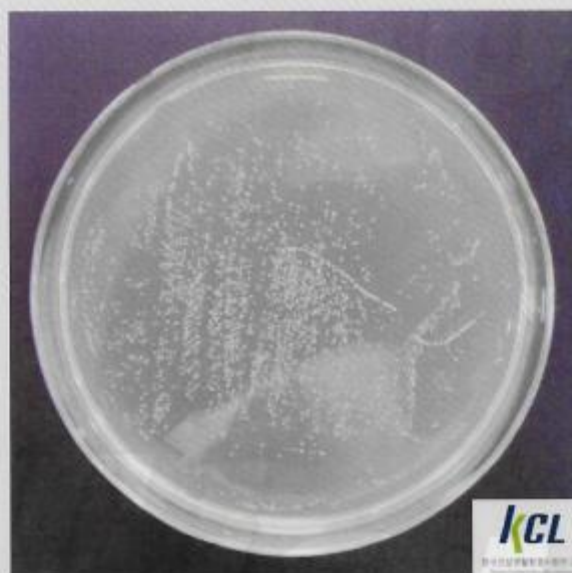


<Picture 4. *Pseudomonas aeruginosa* - Plasma module for Roomi (24 h)>

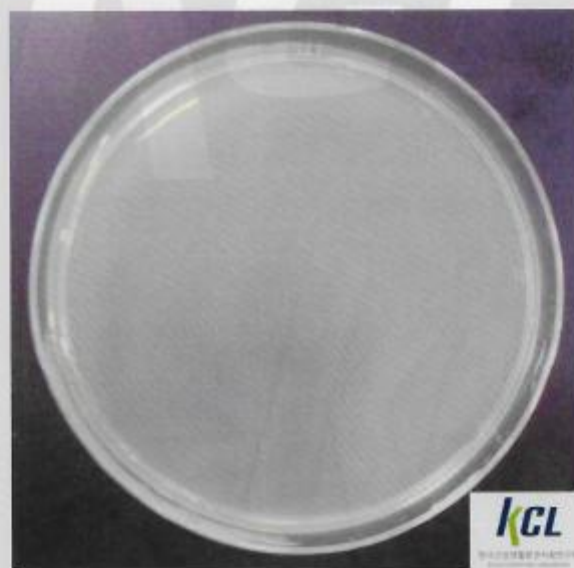


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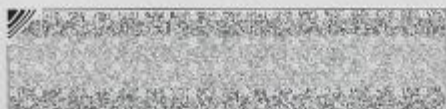
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<Picture 5. *Staphylococcus aureus* - BLANK (0 h)>



<Picture 6. *Staphylococcus aureus* - Plasma module for Roomi (24 h)>



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<Picture 7. Sample[Plasma module for Roomi]>

----- End of Report -----