



TEST REPORT SUMMARY

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Client: HYOSUNG JAPAN

Materials and Methods

1. Test specimen: CAZ (Mask Original Fabric)
2. Viral strain: SARS-CoV-2
3. Host cells: VeroE6/TMPRSS2
4. The number of viruses were determined by plaque assay (PFU/ml).
5. Tests were performed at three times according to ISO18184.
6. Antiviral activity value (Mv): $Mv = \log(Ct/C_0) - \log(Nt/N_0) = \log Ct/Nt$

Ct: mean virus titers after t hours recovered from the control specimens

C₀: mean virus titers after 0 hours recovered from the control specimens

Nt: mean virus titers after t hours recovered from the test specimens

N₀: mean virus titers after 0 hours recovered from the test specimens

7. Antiviral performance criteria of Mv

< 2 No effect

$3.0 > Mv \geq 2.0$ Small effect

$Mv \geq 3.0$ Full effect

Results

Summary of antiviral activity according to ISO18184

	Contact time	0 min	5 min	30 min	120 min
CAZ	Reduction %	-	99.642%	>99.996%	>99.994%
	Mv	-	2.45	>4.40	>4.29
	Status	-	Small effect	Full effect	Full effect

Conclusion

CAZ was effective to SARS-CoV-2 after 5 min contact.

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