

Virus	Test Environment /Effects	Verification by Organisation	Virus Overview	Date
Floating H7N9 avian influenza virus	Test space: 1m <sup>3</sup> box Elapsed time: about 47 minutes Inhibition rate: 99%	Vietnam Ho Chi Minh City Pasteur Institute	Influenza pathogen virus that infects humans	November 2015
Floating H1N1 influenza virus	Test space: 25m <sup>3</sup> Elapsed time: about 66 minutes Inhibition rate: 99%	Vietnam Ho Chi Minh City Pasteur Institute	Influenza pathogen virus that infects humans	September 2012
Attached H1N1 influenza virus	Test space: 25m <sup>3</sup> Elapsed time: about 11 hours Inhibition rate: 99% or more	Institute of Food and Environmental Health	Influenza pathogen virus that infects humans	September 2012
Attached H3N2 influenza virus	Test space: 25m <sup>3</sup> Elapsed time: about 10 hours Inhibition rate: 99% or more	Institute of Food and Environmental Health	Influenza pathogen virus that infects humans	September 2012
H5N1 avian influenza virus	Test space: 1m <sup>3</sup> box Exposure time: 10 minutes Suppression rate: 99.9%	UK Retro Screen Virology	Influenza pathogen virus infecting birds	August 2008
	Test space: 1m <sup>3</sup> box Exposure time: 10 minutes Suppression rate: 99.9%	UK Retro Screen Virology	Influenza pathogen virus infecting birds	May 2005
H1N1 human influenza virus	Test space: 1m <sup>3</sup> box Exposure time: 25 minutes Suppression rate: 99.7%	(Study) Kitasato Institute, Kitasato University, Kitasato Institute Medical Center Hospital	Influenza pathogen virus that infects humans	February 2014
Feline coronavirus	Test space: 1m <sup>3</sup> box Exposure time: 35 minutes Suppression rate: 99.7%	(Study) Kitasato Institute, Kitasato University, Kitasato Institute Medical Center Hospital	Feline infectious peritonitis pathogen virus	July 2004
SARS virus	Test space: One-pass test Exposure time: 3.3 seconds Suppression rate: 73.4%	UK Retro Screen Virology	SARS pathogen virus	October 2005
Coxsackie virus	Test space: One-pass test Exposure time: 3.3 seconds Suppression rate: 98.9%	Kitasato Environmental Science Center	Summer cold pathogen virus	September 2002
Poliovirus	Test space: One-pass test Exposure time: 3.3 seconds Suppression rate: 99.6%	Kitasato Environmental Science Center	Pathogen virus of pediatric paralysis	September 2002
Canine parvovirus	Test space: 1m <sup>3</sup> box Exposure time: 5 minutes Suppression rate: 99.8%	Institute of Food and Environmental Health	Pathogen virus infecting dogs	November 2010

\* Calculated based on experimental data.

Clinical Effect	Verification by Organisation	Date
Reduction of influenza virus infection rate in humans	The University of Tokyo Graduate School of Medicine / Public Health Research Center	November 2010