

Test Report

The survival rate of mouse norovirus after 4 hours of Streamer irradiation was 0.6% for two units operation, 1.3% for one unit.

Organization: The University of Tokyo Graduate School

Report Title: "Evaluation report of the inactivation performance of Daikin's streamer to mouse norovirus."

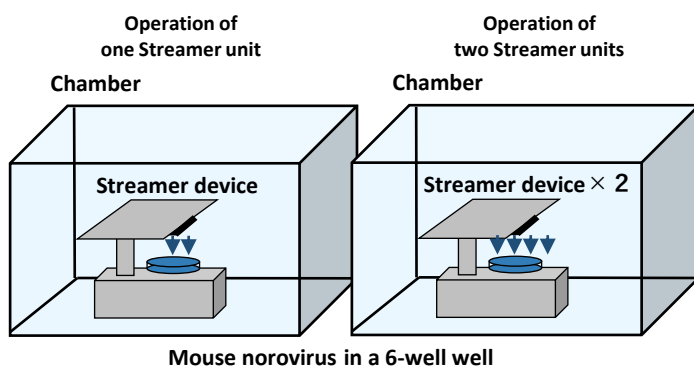
Report Date: 11-Oct-2018

Subjects: Mouse norovirus (strain=MNV-S7)

Result: The survival rate of mouse norovirus after 4 hours was 0.6% for two units operation, 1.3% for one unit

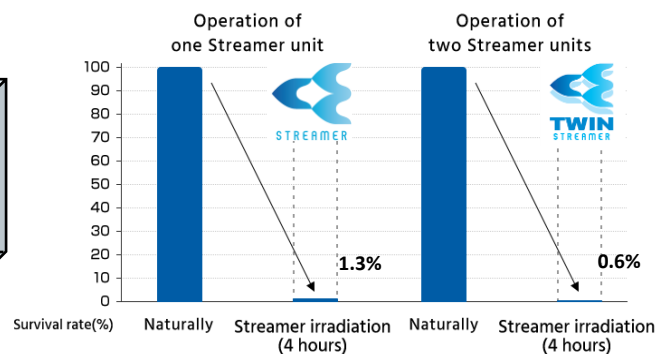
Method: CPE and TCID50

Test Conditions



Under conditions operating either one or two Streamer units, the residual states of mouse norovirus placed in a 6-well plate were observed throughout a 6-hour period under Streamer irradiation.

Test Results



The survival rate of mouse Norovirus after 4 hours of Streamer irradiation was 0.6% for two units operation compared to 1.3% for one unit operation, confirming approximately twice the suppression effect.

*This is the demonstration result using a streamer discharge device for testing. The effect of products equipped with Streamer technology or the effect in actual use environment may differ.

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ダイキン製ストリーマのマウスノロウイルスに対する ウイルス不活化作用に関する研究

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