6 October 2016

Teena Metha PhD

Science Editor

Journal of Visualized Experiments (JOVE)

Dear Dr. Teena,

Please find enclosed our article “Fluorescence-based neuraminidase inhibition assay to assess the susceptibility of influenza viruses to the neuraminidase inhibitor class of antivirals” which we submit to be considered for publication in JOVE.

The manuscript describes the use of an in-house fluorescence-based neuraminidase inhibition assay to assess the susceptibility among circulating influenza A and B viruses to NA inhibitors. The assay relies on the use of a fluorescent substrate to measure the inhibitory effect of the NA inhibitors on the influenza neuraminidase enzyme.

Due to the simplicity and robustness of the assay, we believe that the digital format of this article will be a useful tool for researchers who wish to adopt the assay to assess the antiviral susceptibility of their strains of influenza viruses.

Kind regards

Dr Aeron C. Hurt

Deputy Director (Acting)