

Influenza A (A/AW/SC/2021) H5N1 Pseudovirus

Influenza A (A/AW/SC/2021) H5N1 Pseudovirus, Lentivirus-based

CATALOG #
AAA62279

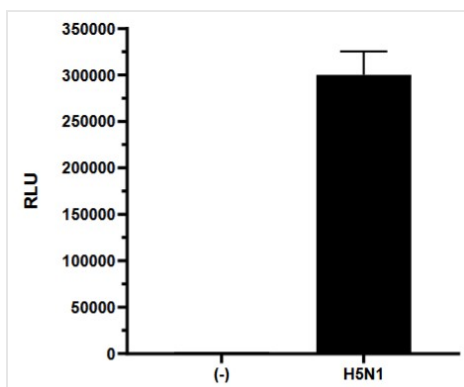
PRODUCT SYNONYMS

Influenza A (A/AW/SC/2021) H5N1; Influenza A (A/AW/SC/2021) H5N1 Pseudovirus; Lentivirus-based; Influenza A (A/AW/SC/2021) H5N1 pseudovirus

PRODUCT SPECIFICATIONS

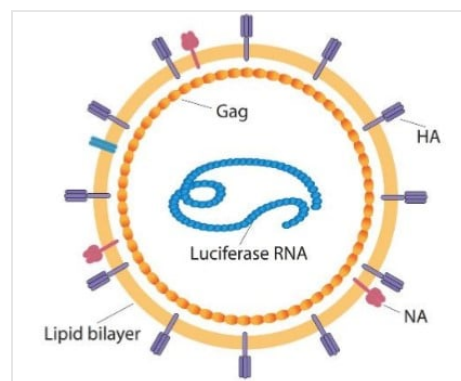
Form/Format	1mL or 5 mL (for one multi-well plate) pseudoviral particles (PP). PP per mL > 1.0E+08
Features	Robust: Excellent signal to noise (basal) ratio Easy to use: Amenable to HTS format (96-well, 384-well and 1536-well format)
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Upon receiving it, store at -70 oC right away. Thaw* before immediate use. *Note: read the instruction for thawing in the following protocol carefully. Do not aliquot and refreeze. Shelf Life: Six months from the date of shipping when stored at -70 oC

IMAGES



Application Data

Figure 2. Pseudoviral Particle (PP) Infection Assays (Pseudoviral particles on 293T cells in 96-well format; Luminescence plate reader: BioTek Synergy 2, gain 255) H5N1: Lentivirus-based pseudovirus w/ influenza A H5N1 proteins (-): Negative control (LV-based pseudoviral particles, w/o H5N1 proteins)



Application Data

Figure 1. Illustration of the replication-deficient lentiviral particle pseudotyped with H5N1 proteins

ADDITIONAL INFORMATION

Related Product Information for Influenza A (A/AW/SC/2021) H5N1 pseudovirus

This Influenza A H5N1 pseudovirus (or pseudoviral particle) is replication-deficient lentivirus pseudotyped with the HA and NA proteins of the influenza A virus (A/American Wigeon/South Carolina/USDA-000345-001/2021)(H5N1) strain. They also contain the ORF for firefly luciferase (FLuc) as a reporter. Upon the Pseudoviral Particles (PP) infecting the cells, the reporters will be expressed in the transduced cells. By measuring the FLuc activity in the cells, the infectivity of the PP can be determined.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.