

Influenza A H5N1 (A/Texas/37/2024) Pseudovirus

Influenza A H5N1 (A/Texas/37/2024) Pseudovirus, MLV-based

CATALOG #
AAA62282

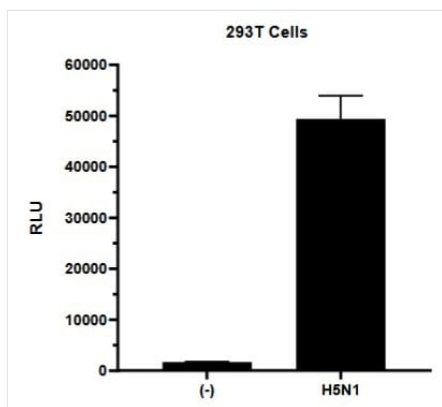
PRODUCT SYNONYMS

Influenza A H5N1 (A/Texas/37/2024); Influenza A H5N1 (A/Texas/37/2024) Pseudovirus; MLV-based; Influenza A H5N1 (A/Texas/37/2024) pseudovirus

PRODUCT SPECIFICATIONS

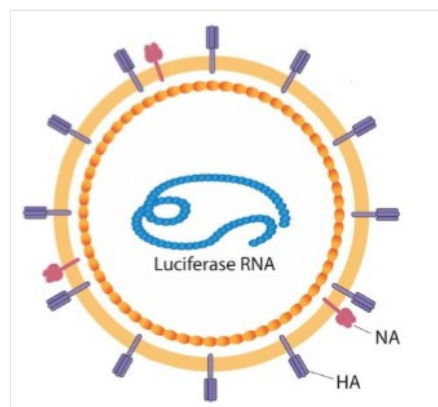
Form/Format	5 ml, for one multi-well plate
Features	Robust: Excellent signal to noise (basal) ratio Easy to use: Amenable to HTS format (96-well, 384-well and 1536-well format) Specific: only measures the pseudovirus entry into host cells
Dry Ice Note	The product may be shipped with dry ice, and an additional 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: MLV-based pseudovirus w/ influenza A H5N1 proteins (-): Negative control (MLV-based pseudoviral particles, w/o H5N1 proteins)



Application Data

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

ADDITIONAL INFORMATION

Related Product Information for Influenza A H5N1 (A/Texas/37/2024) pseudovirus

This Influenza A H5N1 pseudovirus (or pseudoviral particle) is replication-deficient MLV (Murine Leukemia Virus) pseudotyped with the H5 and N1 proteins of the influenza A variants. They also contain the ORF for firefly luciferase (FLuc) as a reporter. Upon the Pseudoviral Particles (PP) infecting of 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.