



## About CEIRS


The Centers of Excellence for Influenza Research and Surveillance (CEIRS) is an integrated network of centers funded by the National Institute of Allergy and Infectious diseases (NIAID). The CEIRS program was designed to foster innovative and collaborative research on the influenza virus. CEIRS investigators perform research around the world to better understand evolution, transmission, and pathogenesis of the virus across human and animal species.


The CEIRS Data Processing Coordinating Center (DPCC) is the nexus of data sharing and analysis across the network. The DPCC provides a centralized platform where scientists can submit their experimental data, collaborate, and communicate the research and accomplishments of CEIRS.


## FROM SAMPLES TO TOOLS


  
5,000+ Virus Isolates


  
150 Reverse Genetic Viruses


  
Expert Scientists


  
1,700+ Articles


  
100,000+ Sequenced Flu Segments in NCBI




  
19 Human Cohort Studies


  
800+ Plasmids


  
300+ Proteins & Antibodies










-  Nasal Epithelial
-  Tracheal Epithelial
-  Fibroblast




-  Nasal Epithelial



-  Nasal Epithelial
-  Tracheal Epithelial
-  Soft Palate

 Alveolar Epithelial

 Fibroblast

## Visit the CEIRS Reagents Webpage

CEIRS investigators are making available thousands of high-quality reagents to help advance influenza research worldwide. Reagents that can be requested include plasmids, antibodies, proteins, virus isolates, reverse genetic viruses, and ferret tissue, cells, and antibodies.

To search through our catalog of reagents, visit us at [www.niaidceirs.org](http://www.niaidceirs.org) and navigate to the Reagents page under the Resources menu. CEIRS members can access additional reagents on the DPCC Portal.

Check the CEIRS Reagents webpage frequently as more species including human and other cell types become available!

Reagent Type

Plasmid Protein Antibody Virus Isolate RG Virus Ferret Cell Commercial

833 items found

Narrow Results

Strain

Influenza Type

Host

Origin

Year

SubType

Vector

Segment

Your selections:

Search:

Reagent Name	Strain
pcDNA3.1-PR8-M2-Mut	A/human/Puerto Rico/8/1934(H1N1)
pcDNA3.1-PR8-M2-Ctrl	A/human/Puerto Rico/8/1934(H1N1)
pZW1814 D66Y-M19V	A/swine/Virginia/1814-1/2012 (H1N1)
pZW1814 D66Y-D248N	A/swine/Virginia/1814-1/2012 (H1N1)
pUC57-NA-A/turkey/Washington/61-22/2014(H5N2)	A/turkey/Washington/61-22/2014 (H5N2)
pUC57-HA-A/turkey/Washington/61-22/2014(H5N2)	A/turkey/Washington/61-22/2014 (H5N2)
pUC57-HA-A/swine/Neu	A/swine/Neu

## Contact Us



[www.niaidceirs.org/resources/ceirs-reagents](http://www.niaidceirs.org/resources/ceirs-reagents)

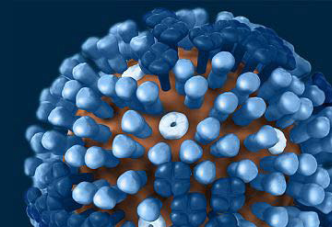
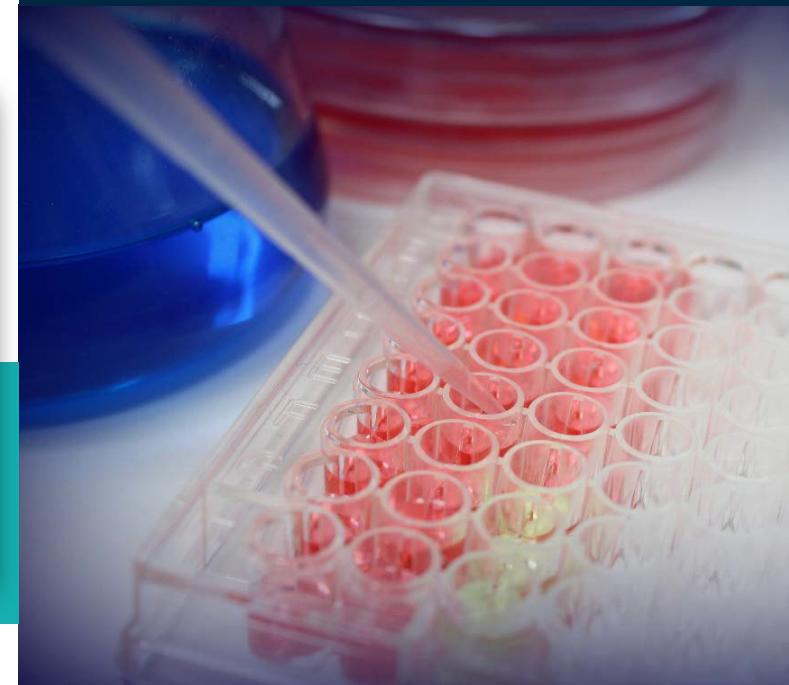


1-855-846-2697



[support@niaidceirs.org](mailto:support@niaidceirs.org)

# CEIRS REAGENT RESOURCE



# CEIRS

*Centers of Excellence for Influenza Research and Surveillance*

## Connecting Researchers to Influenza Reagents

The public CEIRS Reagents webpage is a searchable and filterable catalog of over 5,000 unique, influenza-specific reagents developed by CEIRS researchers that are made available to the broader scientific community.

### Search a Variety of Influenza Reagent Types



- ▶ Plasmids
- ▶ Proteins
- ▶ Antibodies
- ▶ Virus Isolates
- ▶ Reverse Genetics Viruses
- ▶ Ferret (Cells and Antibodies)
- ▶ Commercial

### Refine Your Search

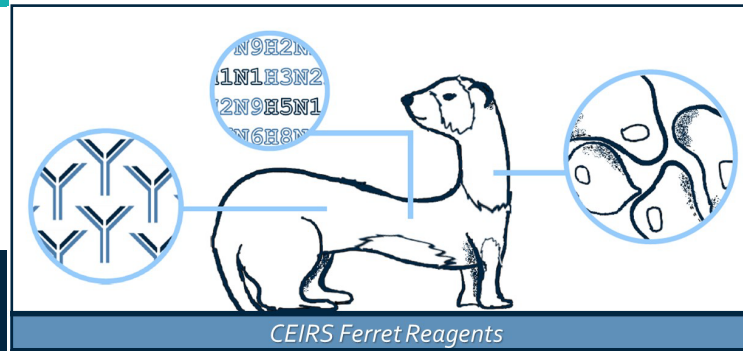


Sort, filter, and narrow search results by strain, vector, segment, mutations, availability in BEI, and published status.

### Request Reagents

Reagents of interest can be requested directly through the CEIRS Reagents webpage. You'll receive a confirmation email and the contributing lab will contact you to arrange for shipping.

## WHAT'S NEW? CEIRS FERRET REAGENTS



To support universal influenza vaccine research, CEIRS investigators have produced immunological reagents for the ferret model. These include primary cells and cell lines, antibodies, recombinant proteins, and primer-probe sets. Furthermore, CEIRS investigators have validated a number of commercial ferret reagents. The list and characteristics of those validated reagents can be found on the CEIRS Reagents webpage.

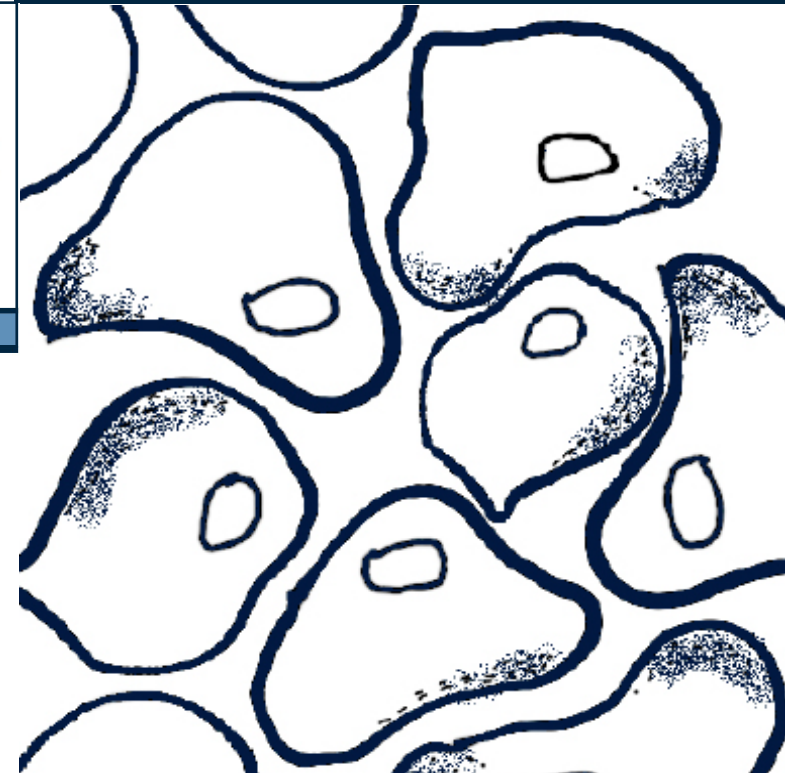
Protocols for maintenance, propagation, and differentiation will be provided. Quantities of primary cells may be limited, but we can “make to order” and are happy to provide training!

For more information on CEIRS Ferret Reagents contact Stacey Schultz-Cherry.



[stacey.schultz-cherry@stjude.org](mailto:stacey.schultz-cherry@stjude.org)

## CELL CORE REAGENTS



Artwork by Rebekah Honce, PhD Student, St. Jude Children's Hospital

### COMING SOON!

Validated nasal and tracheal epithelial and fibroblast primary cells and cell lines from swine, ferrets, and C57BL/6 mice will soon be available for request on the CEIRS Reagents webpage.