Influenza A Virus, A/Shanghai/1/2013 (HA, NA) x A/Puerto Rico/8/1934 (H7N9)

Catalog No. NR-44078

For research use only. Not for human use.

Contributor:
Peter Palese, Ph.D., Florian Krammer, Ph.D., and Rong Hai, Ph.D., Departments of Medicine and Microbiology, Icahn School of Medicine at Mount Sinai, One Gustave L. Levey Place, New York, New York, USA

Manufacturer:
BEI Resources

Product Description:

**Product Information Sheet for NR-44078**

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**Manufacturer:**
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**Product Description:**

**Species:** Influenza A virus

**Reassortant:** A/Shanghai/1/2013(HA, NA) x A/Puerto Rico/8/1934 (H7N9)

**Preparation:** NR-44078 was produced using plasmid-based reverse genetics. The reassortant virus contains 6 internal genes from A/Puerto Rico/8/1934 (H1N1) and the HA and NA genes from A/Shanghai/1/2013 (H7N9). The virus was rescued in 293T cells, passaged once in embryonated chicken eggs, plaque purified in MDCK cells, and finally grown again in eggs.

**Comments:** Influenza A virus, A/Shanghai/1/2013 (H7N9) was isolated from a human in Shanghai Municipality, China on February 26, 2013. Sequence information is available for influenza A virus, A/Shanghai/1/2013 (H7N9) at the GISAID EpiFlu™ Database.

**Material Provided:**
Each vial contains approximately 1 mL of pooled allantoic fluid from specific pathogen free (SPF) embryonated chicken eggs infected with reassortant influenza A virus, A/Shanghai/1/2013 (HA, NA) x A/Puerto Rico/8/1934 (H7N9).

**Note:** If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**
NR-44078 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Growth Conditions:**
**Host:** 9- to 11-day-old SPF embryonated chicken eggs
**Infection:** Embryonated chicken eggs must be candled for viability prior to inoculation
**Incubation:** 2 days at 35°C in a humidified chamber

**Effect:** Hemagglutination activity using chicken red blood cells and allantoic fluid from infected embryonated chicken eggs

**Citation:**
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/Shanghai/1/2013 (HA, NA) x A/Puerto Rico/8/1934 (H7N9), NR-44078."

**Biosafety Level:** 3


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