**Product Information Sheet for NR-19823**

**Influenza A Virus, A/Netherlands/2629/2009 (H1N1)pdm09**

**Catalog No. NR-19823**

For research use only. Not for human use.

**Contributor:**
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**Manufacturer:**
BEI Resources

**Product Description:**

**Virus Classification:** Orthomyxoviridae, Influenzavirus A

**Species:** Influenza A virus

**Strain:** A/Netherlands/2629/2009 (H1N1)pdm09

**Original Source:** Influenza A virus, A/Netherlands/2629/2009 (H1N1)pdm09 was isolated from a nasopharyngeal swab from a 46-year-old human in the Zuid-Holland district of the Netherlands on December 4, 2009.

**Comments:** Sequence information is available for influenza A virus, A/Netherlands/2629/2009 (H1N1)pdm09 at the Influenza Research Database.

**Material Provided:**
Each vial contains approximately 1 mL of cell lysate and supernatant from Madin-Darby Canine Kidney (MDCK) cells (ATCC® CCL-34™) infected with influenza A virus, A/Netherlands/2629/2009 (H1N1)pdm09.

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

**Packaging/Storage:**
NR-19823 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:** MDCK cells (ATCC® CCL-34™)

**Growth Medium:** Dulbecco's Modified Eagle Medium supplemented with 0.1% bovine serum albumin and 0.2 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin

**Infection:** Cells should be 95% to 100% confluent

**Incubation:** 2 to 4 days at 35°C and 5% CO₂

**Cytopathic Effect:** Cell rounding and sloughing

**Citation:**
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/Netherlands/2629/2009 (H1N1)pdm09, NR-19823."

**Biosafety Level:** 2


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