

**Influenza B Virus, B/Sydney/507/2006 (Yamagata Lineage)**

**Catalog No. NR-36526**

**For research use only. Not for use in humans.**

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Virus Classification: *Orthomyxoviridae, Influenzavirus B*

Species: Influenza B virus

Strain: B/Sydney/507/2006 (Yamagata Lineage)

Original Source: Influenza B virus, B/Sydney/507/2006 (Yamagata Lineage) was isolated on June 16, 2006, from a human in Sydney, Australia.

Comments: Sequence information is available for influenza B virus, B/Sydney/507/2006 (Yamagata Lineage) at the [Bacterial and Viral Bioinformatics Resource Center](#).

**Material Provided:**

Each vial contains approximately 1 mL of cell lysate and supernatant from Madin-Darby Canine Kidney (MDCK) cells infected with influenza B virus, B/Sydney/507/2006 (Yamagata Lineage). Each vial of lot 61539256 contains 1 mL of clarified supernatant from MDCK cells infected with influenza B virus, B/Sydney/507/2006 (Yamagata Lineage).

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

**Packaging/Storage:**

NR-36526 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 to 0.2% bovine serum albumin and 0.025 to 1 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin

Infection: Cells should be 80 to 100% confluent

Incubation: 3 to 8 days at 33°C and 5% CO<sub>2</sub>

Cytopathic Effect: Cell rounding and detachment

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH:

Influenza B Virus, B/Sydney/507/2006 (Yamagata Lineage), NR-36526."

**Biosafety Level: 2**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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