

Influenza B Virus, B/Christchurch/33/2004 (Yamagata Lineage)

Catalog No. NR-36536

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/Isolate: B/Christchurch/33/2004 (Yamagata Lineage)

Original Source: Influenza B virus, B/Christchurch/33/2004 (Yamagata Lineage) was isolated from a human in Christchurch, New Zealand on August 30, 2004.

Comments: Sequence information is available for influenza B virus, B/Christchurch/33/2004 (Yamagata Lineage) at the [Bacterial and Viral Bioinformatics Resource Center](http://www.ncbi.nlm.nih.gov/nuccore/214811).

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/Christchurch/33/2004 (Yamagata Lineage).

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

Packaging/Storage:

NR-36536 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: Madin-Darby canine kidney cells (MDCK; ATCC® CCL-34™)

Growth Medium: Eagle's Minimal Essential Medium (EMEM) supplemented with 0.125% bovine serum albumin (BSA) and 1.0 µg/mL L-1-tosylamido-2-phenylethyl chloromethyl ketone (TPCK)-treated trypsin.

Infection: Cells should be 100% confluent

Incubation: 4 to 10 days at 33°C and 5% CO₂

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/Christchurch/33/2004 (Yamagata Lineage), NR-36536."

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. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm.

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