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

Catalog No. NR-36536

For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:

Virus Classification: Orthomyxoviridae, Influenzavirus B
Species: Influenza B virus
Strain: 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 Influenza Research Database.

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: MDCK cells (ATCC® CCL-34™)
Growth Medium: Dulbecco’s Modified Eagle Medium supplemented with 0.1% bovine serum albumin and 0.025 to 0.05 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, 5th ed.

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