Enterovirus Species D Type 68, USA/2018-23088

Catalog No. NR-51997

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Contributor:
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Manufacturer:
BEI Resources

Product Description:

Virus Classification: Picornaviridae, Enterovirus
Species: Enterovirus D
Type: D68
Strain/Isolate: USA/2018-23088

Original Source: Enterovirus species D type 68 (EV-D68), USA/2018-23088 was isolated in 2018 from a nasopharyngeal swab of a human subject in the USA.¹ The human subject was not suffering from acute flaccid myelitis.¹

Comments: The complete genome of EV-D68, USA/2018-23088 has been sequenced (GenBank: MK491181).

Material Provided:
Each vial contains approximately 1 mL of cell lysate and supernatant from rhabdomyosarcoma (RD) cells infected with EV-D68, USA/2018-23088.

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

Packaging/Storage:
NR-51997 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: Rhabdomyosarcoma cells (RD; ATCC® CCL-136™)
Growth Medium: Eagle’s Minimum Essential Medium containing Earle’s Balanced Salt Solution, non-essential amino acids, 2 mM L-glutamine, 1 mM sodium pyruvate and 1.5 g/L of sodium bicarbonate, supplemented with 2% fetal bovine serum, or equivalent
Incubation: 2 to 6 days at 33°C and 5% CO2
Cytopathic Effect: Cell rounding and sloughing

Citation:
Acknowledgment for publications should read “The following reagent was contributed by Division of Viral Diseases, Centers for Disease Control and Prevention for distribution through BEI Resources, NIAID, NIH: Enterovirus Species D Type 68, USA/2018-23088, NR-51997.”

Biosafety Level: 2


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References:

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