Bourbon Virus, Original

Catalog No. NR-50132
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Contributor:
Brandy J. Russell, Arbovirus Reference Collection Curator, Arboviral Diseases Branch, Reference and Reagent Laboratory, Centers for Disease Control and Prevention, Fort Collins, Colorado, USA

Manufacturer:
BEI Resources

Product Description:

Virus Classification: Orthomyxoviridae, Thogotovirus
Agent: Bourbon Virus
Strain: Original

Original Source: Bourbon virus (BRBV), Original was isolated from a human with fever, thrombocytopenia, and a recent history of tick exposure in Bourbon County, Kansas, in June 2014. The isolate was obtained from Olga I. Kosoy and Amy J. Lambert of the Division of Vector-Borne Disease at the Centers for Disease Control and Prevention.

Comments: BRBV is newly discovered, potentially tick-borne human pathogen associated with febrile illness and death in the index case.1,2

Material Provided:
Each vial contains approximately 0.5 mL of clarified supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with BRBV, Original.

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

Packaging/Storage:
NR-50132 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: Vero E6 cells (ATCC® CRL-1586)
Growth Medium: Dulbecco's Modified Eagle's Medium supplemented with 2% fetal bovine serum
Infection: Cells should be 80% to 95% confluent
Incubation: 3 to 10 days at 37°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: Bourbon Virus, Original, NR-50132.”

Biosafety Level: 3

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References:

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