Kern Canyon Virus, M-206

Catalog No. NR-17597

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Manufacturer:
BEI Resources

Product Description:

**Virus Classification:** Rhabdoviridae, Ledantevirus  
**Species:** Kern Canyon virus (also referred to as Kern Canyon ledantevirus)  
**Strain/Isolate:** M-206  
**Original Source:** Kern Canyon virus (KCV), M-206 was isolated from a mouse-eared bat (Myotis yumanensis) in Kern Canyon, California, USA in 1956.1,2  
**Comments:** The complete genome of KCV has been sequenced (GenBank: KM204992). In order to remove contaminating mycoplasma, the deposited material was passaged three times with mycoplasma removal agent.

Rhabdoviridae are non-segmented single strand RNA viruses found widely dispersed in plants and animals worldwide.3 Kern Canyon virus belongs to the Kern Canyon serogroup of viruses and is related to many viruses isolated from Asian and African bat species.4

**Material Provided:**

Each vial contains approximately 1 mL of cell lysate and supernatant from Cercopithecus aethiops kidney epithelial cells infected with KCV, M-206.

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

**Packaging/Storage:**

NR-17597 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:** Cercopithecus aethiops kidney epithelial cells (Vero E6; ATCC® CRL-1586™)  
**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  
**Infection:** Cells should be 70% to 90% confluent  
**Incubation:** 5 to 8 days at 37°C and 5% CO2  
**Cytopathic Effect:** Cell rounding and sloughing

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Kern Canyon Virus, M-206, NR-17597.”

**Biosafety Level:** 2


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**References:**


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