Kaeng Khoi Virus, PSC-19

Catalog No. NR-15772

For research use only. Not for human use.

Contributor and Manufacturer:
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Product Description:

**Virus Classification:** Bunyaviridae, Orthobunyavirus
**Species:** Kaeng Khoi virus
**Strain:** PSC-19
**Original Source:** Kaeng Khoi virus (KKV), PSC-19 was isolated from pooled liver and fat tissue from bats (Tadarida plicata) collected in Kaeng Khoi District, Thailand, in 1969.\(^1\),\(^2\)
**Comments:** KKV species have been isolated from bats (Tadarida plicata and Chaeriphone plicata) as well as bedbugs (Restricticimex parvus and Cimex insuetus). KKV is of potential public health concern, as the virus displays higher pathogenicity in bats and mice than is normally associated with Orthobunyavirus species, and neutralizing antibodies have been found in the sera of Thai people who work in bat caves.\(^3\) Complete nucleotide sequences of the small (S; GenBank: KJ867203), medium (M; GenBank: KJ867204), and large (L; GenBank: KJ867205) RNA genome segments of KKV have been determined.\(^5\)

**Material Provided:**
Each vial contains approximately 1 mL of clarified supernatant from Cercopithecus aethiops kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with KKV, PSC-19.

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

**Packaging/Storage:**
NR-15772 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.

**Use Restrictions:**
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**References:**


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