Canine Coronavirus, UCD1, Chemically Inactivated

Catalog No. NR-869
This reagent is the property of the U.S. Government.

For research use only. Not for human use.

Contributor:
NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH

Product Description:

Virus Classification: Coronaviridae, Coronavirus, Group 1
Agent: Canine coronavirus (CCV), chemically inactivated with binary ethyleneimine
Strain/Isolate: UCD1
Original Source: CCV, UCD1 was isolated from dogs with fatal gastroenteritis at different kennels in northern California.1

Material Provided:
Each vial contains approximately 1 mL of cell lysate and supernatant from canine tumor fibroblast (A-72) cells infected with the UCD1 strain of CCV. The suspension of cell lysate and supernatant was treated with binary ethyleneimine to inactivate the virus.

Packaging/Storage:
NR-869 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. Freeze-thaw cycles should be avoided.

Growth Conditions Prior to Inactivation:1
Host: A-72 cells
Growth Medium: Minimum Essential Medium supplemented with 2% fetal bovine serum, or equivalent Alternate Hosts: Felis catus whole fetus or swine testicular cells

Citation:
Acknowledgment for publications should read “The following reagent was obtained through the NIH Biodefense and Emerging Infectious Research Resources Repository, NIAID, NIH: Canine Coronavirus, UCD1, Chemically Inactivated, NR-869.”

Biosafety Level: 1

Disclaimers:
You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government make any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

Use Restrictions:
This material is distributed for internal research, non-commercial purposes only. This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

References:

ATCC® is a trademark of the American Type Culture Collection.