Canine Distemper Virus, Lederle Avirulent

Catalog No. NR-3845
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Lot (NIAID Catalog) No. V-329-002-017

For research use only. Not for human use.

Contributor:
National Institutes of Allergy and Infectious Diseases (NIAID),
National Institutes of Health

Product Description:
Reagent: Seed Virus
Virus Classification: Paramyxoviridae, Morbillivirus
Agent: Canine Distemper Virus
Strain/Isolate: Lederle Avirulent
NIAID Class: Research Reference Reagent
Source: Dr. Victor Cabasso
Donor Passage History (# of passages):
  - Chicken embryo (48)
  - Chicken embryo fibroblasts (39)
Producer Passage History (# of passages):
  - Chicken embryo fibroblasts (4)

Material Provided/Storage:
Composition: 90% chicken embryo and 10% sucrose
  gelatin
Volume: 1.0 mL
Storage Temperature: -60°C or colder

Functional Activity:
Infectivity:
  Conditions: Chicken embryo
  TCID$_{50}$: $3.2 \times 10^4$ per mL
Date of Last Test: December, 1969

Note: BEI Resources was asked to distribute this virus preparation from NIAID's historical repository. Recent characterization information is not yet available.

Purity:
Serum Neutralization Breakthrough: Negative
Bacterial Sterility: Negative
Mycoplasma: Negative

Producer and Contract:
Chas. Pfizer and Company, PH-43-62-842

Citation:
Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Canine Distemper Virus, Lederle Avirulent, NR-3845."

Biosafety Level: 2

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References:
1. The Tissue Culture Infectious Dose 50% (TCID$_{50}$) endpoint is the 50% infectious endpoint in tissue culture. The TCID$_{50}$ is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the cultures inoculated, just as a Lethal Dose 50% (LD$_{50}$) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID$_{50}$ provides a measure of the titer (or infectivity) of a virus preparation.


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