Influenza A Virus, A/equine/Miami/1/1963 (H3N8)

Catalog No. NR-3175
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Contributor:
National Institutes of Allergy and Infectious Disease (NIAID), National Institutes of Health

Manufacturer:
Parke, Davis and Company, PH-43-62-841

Product Description:
Reagent: Seed Virus
Species: Influenza A virus
Strain/Isolate: A/equine/Miami/1/1963 (H3N8)

NIAID Class: Research Reference Reagent
Source: National Centers for Disease Control
Donor Passage History (# of passages):
  Chicken embryo (3)
Producer Passage History (# of passages):
  Chicken embryo (3)
Comments: Sequence information is available for influenza A virus, A/equine/Miami/1/1963 at the Influenza Research Database

Functional Activity (June 1969):
Infectivity:
  Conditions: 10 to 11 day chicken embryo
  TCID<sub>50</sub>: 3.2 x 10<sup>5</sup> per mL

Hemagglutination:
  Conditions: Human type O red blood cells; 1 hour at room temperature
  Titer: 1:320

Purity (June 1969):
Serum Neutralization Breakthrough: Negative
Bacterial Sterility: Negative
Mycoplasma: Negative

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Influenza A Virus, A/equine/Miami/1/1963 (H3N8), NR-3175.”

Biosafety Level: 2

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References:
1. The Tissue Culture Infectious Dose 50% (TCID<sub>50</sub>) endpoint is the 50% infectious endpoint in tissue culture. The TCID<sub>50</sub> 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\textsubscript{50}) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID\textsubscript{50} provides a measure of the titer (or infectivity) of a virus preparation.

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