

Influenza A Virus, A/Aichi/2/1968 (H3N2)

Catalog No. NR-3177

This reagent is the property of the U.S. Government.

Lot (NIAID Catalog) No. V-301-091-000

For research use only. Not for human use.

Contributor:

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

Manufacturer:

National Communicable Disease Center (Produced under contract)

Product Description:

Reagent: Seed Virus

Virus Classification: *Orthomyxoviridae, Influenzavirus A*

Species: Influenza A virus

Strain/Isolate: A/Aichi/2/1968 (H3N2)

NIAID Catalog Number: V-301-091-000

NIAID Class: Research Reference Reagent

Donor Passage History (# of passages):

Vaccine Strain

Producer Passage History (# of passages):

Egg (6)

Monkey Kidney (2)

Material Provided/Storage:

Composition: Allantoic fluid

Volume: 1.0 mL

Storage Temperature: -60°C or colder

Functional Activity:

Infectivity:

Conditions: Monkey kidney cells

TCID₅₀^{1,2} 5.0 ×10⁷ per mL

Date of Last Test: December, 1968

Purity:

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/Aichi/2/1968 (H3N2), NR-3177."

Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in

Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Coleman, M. T., et al. "The Hong Kong-1968 Influenza A2 Variant." Lancet 2 (191968): 1384–1386. PubMed: 4177941.
2. The Tissue Culture Infectious Dose 50% (TCID₅₀) endpoint is the 50% infectious endpoint in tissue culture. The TCID₅₀ 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% (LD₅₀) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID₅₀ provides a measure of the titer (or infectivity) of a virus preparation.

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