

***SARS-Related Coronavirus 2 (SARS-CoV-2) Variant B.1.1.7
Isolate: USA/CA_CDC_5574/2020
Culture Fluid (Heat Inactivated) (1 mL)**

Catalog Number: 0810612CFHI

PRODUCT DESCRIPTION:

SARS-Related Coronavirus 2 Variant B.1.1.7 (Isolate: USA/CA_CDC_5574/2020) is an enveloped, positive-sense single-stranded RNA virus from the *Coronaviridae* family and the *Betacoronaviridae* genus. This virus was isolated from a nasopharyngeal swab on December 29, 2020 in San Diego County, California, USA. GISAID assigned lineage B.1.1.7 to SARS-CoV-2, Isolate USA/CA_CDC_5574/2020 using Phylogenetic Assignment of Named Global Outbreak LINeages (PANGOLIN) tool. The complete genome sequence can be found in (GISAID: EPI_ISL_751801).

Each frozen aliquot contains 1 mL of heat inactivated viral culture fluid. The pre-inactivation titer was determined from an infectious aliquot.

Viral inactivation is verified after heat inactivation by the absence of viral growth in tissue culture-based infectivity assays.

INTENDED USE:

Heat inactivated viral culture fluids are sold as consumable testing materials. The suitability and performance characteristics should be determined by your laboratory for each intended usage.

These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

BIOSAFETY:

SARS-CoV-2 Variant B.1.1.7 is a Biosafety Level 3 microorganism when infectious, and must be used within a Biological Safety Level 2 facility or cabinet when inactivated. Please consult your institution's regulations regarding the use of this product. For a detailed discussion on biological safety see the 5th edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC at <http://www.cdc.gov/biosafety/publications/bmbl5/ind ex.htm>.

PRECAUTIONS:




- Use Universal Precautions, this product is **potentially biohazardous**.
- Repetitive freezing and thawing is not recommended (aliquot material if necessary).
- To avoid cross-contamination, use separate pipette tips for all reagents.

RECOMMENDED STORAGE:

Heat inactivated viral culture fluids should be stored at -65°C or below.

***The following reagent was deposited by the Centers of Disease Control and obtained through BEI Resources, NIAID, NIH: SARS-Related Coronavirus 2 Variant B.1.1.7, Isolate USA/CA_CDC_5574/2020, NR-54011.**

This product was manufactured in a facility which has a Quality Management System that is ISO 13485 certified.

REF	Catalog Number		Temperature Limitation
LOT	Lot Number		Expiration Date
RUO	For Research Use Only		Biological Risk

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