

***SARS-Related Coronavirus 2 (SARS-CoV-2)
Isolate: Italy-INMI1
Culture Fluid (Heat Inactivated) (1 mL)**

PRODUCT DESCRIPTION:

SARS-Related Coronavirus 2 (Isolate: Italy-INMI1) is an enveloped, positive-sense single-stranded RNA virus from the *Coronaviridae* family and the *Betacoronaviridae* genus. This virus was isolated from sputum of a patient with a respiratory illness who had returned from travel to the affected region of China and developed COVID-19 in January 2020 in Rome, Italy. The genomic sequence can be found in GenBank MT066156.1.

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.

BIO SAFETY:

Inactivated SARS-CoV-2 Virus should be used within a Biological Safety Level 2 (BSL-2) facility in a biosafety cabinet (BSC). 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/index.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, Isolate Italy-INMI1.**

PI0810589CFHI
Revision: 01
Effective Date: 06/22/2021

REF	Catalog Number	⚠	Temperature Limitation
LOT	Batch Code	🕒	Expiration Date
RUO	For Research Use Only	🧫	Biological Risk

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

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