

**PROtrol™ SARS-Related Coronavirus 2 (SARS-CoV-2)<sup>1</sup>**  
**Isolate: USA-WA1/2020**  
**(1 mL)**

**PRODUCT DESCRIPTION:**

SARS-Related Coronavirus 2 (Isolate: USA-WA1/2020) is an enveloped, positive-sense single-stranded RNA virus from the Coronaviridae family and the Betacoronaviridae genus. This virus was isolated from 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 Washington, USA. The genomic sequence can be found in GenBank MN985325.

SARS-CoV-2 was propagated in VeroE6 cells. The viral culture fluid was clarified via centrifugation to remove cellular debris prior to inactivation.

PROtrol™ (Protein control) is formulated with viral particles that have been modified to render them non-infectious. Each vial contains 1.0 mL of SARS-CoV-2 PROtrol™ frozen in 2% MEM media.

The pre-inactivation titer was determined from an infectious aliquot. Each lot of PROtrol™ is tested using an N-protein ELISA developed internally at ZeptoMetrix.

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

**INTENDED USE:**

PROtrol™ is intended for use in analytical and quality control testing of antigen-based assays. 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:**

Please consult your institution's regulations regarding the use of this product. For a detailed discussion on biological safety see the current edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC.

**PRECAUTIONS:**








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

**RECOMMENDED STORAGE:**

PROtrol™ should be stored at -65°C or below.

<sup>1</sup>The following reagent was deposited by the Centers of Disease Control and obtained through BEI Resources, NIAID, NIH: SARS-Related Coronavirus 2, Isolate USA-WA1/2020, NR-52281.

PIPROSARS(COV2)-587  
 Revision: 00  
 Effective Date: 01/31/2023

	Catalog Number		Temperature Limitation
	Batch Code		Expiration Date
	For Research Use Only		Biological Risk
	Manufacturer		

PCA# N/A  
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