

**Genomic RNA from SARS-Related Coronavirus 2, Isolate New York-PV08410/2020**

**Catalog No. NR-53518**

**For research use only. Not for use in humans.**

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Genomic RNA was extracted from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), isolate New York-PV08410/2020.

SARS-CoV-2, isolate New York-PV08410/2020 was isolated on March 16, 2020 from a nasal swab collected from a patient with a fatal respiratory illness in New York, USA.<sup>1</sup> The complete genome of SARS-CoV-2, isolate New York-PV08410/2020 has been sequenced (GenBank: [MT370900](https://www.ncbi.nlm.nih.gov/nuclseq/MT370900) and GISAID: EPI\_ISL\_421374).

**Material Provided:**

Each vial contains approximately 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 8.0). The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

**Packaging/Storage:**

NR-53518 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic RNA from SARS-Related Coronavirus 2, Isolate New York-PV08410/2020, NR-53518.”

**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](https://www.cdc.gov/biosafety/publications/bmbli5/index.htm). 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see [www.cdc.gov/biosafety/publications/bmbli5/index.htm](https://www.cdc.gov/biosafety/publications/bmbli5/index.htm).

**Disclaimers:**

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**Use Restrictions:**

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**References:**

1. García-Sastre, A., Personal Communication.

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