

**Genomic RNA from SARS-Related
Coronavirus 2, Isolate
Germany/BavPat1/2020**

Catalog No. NR-52502

For research use only. Not for human use.

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 Germany/BavPat1/2020.

SARS-CoV-2, isolate Germany/BavPat1/2020 was isolated from a sputum sample from a mildly symptomatic adult male patient identified as Patient One in the Bavarian cluster on January 28, 2020 in Bavaria, Germany.^{1,2,3} The complete genome sequence of SARS-CoV-2, isolate Germany/BavPat1/2020 has been sequenced (GenBank: [MT270101](https://www.ncbi.nlm.nih.gov/nuccore/MT270101) and GISAID: EPI_ISL_406862).

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-52502 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 Germany/BavPat1/2020, NR-52502."

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.

Disclaimers:

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References:

1. Wölfel, R. and R. Ehmann, Personal Communication.
2. Bohmer, M. M., et al. "Investigation of a COVID-19 Outbreak in Germany Resulting from a Single Travel-Associated Primary Case; A Case Series." Lancet Infect. Dis. doi: 10.1016/S1473-3099(20)30314-5. PubMed: 32422201.
3. Rothe, C., et al. "Transmission of 2019-nCoV Infection from an Asymptomatic Contact in Germany." N. Engl. J. Med. 10 (2020): 970-971. PubMed: 32003551.

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