Product Information Sheet for NR-52401

Pooled Non-Human Primate Convalescent Serum to SARS-Related Coronavirus 2, Gamma-Irradiated

Catalog No. NR-52401
Lot No. 70035113

For research use only. Not for human use.

Contributor and Manufacturer:
Emmie de Wit, Ph.D., Rocky Mountain Laboratories, National Institute of Allergy and Infectious Diseases (NIAID), National Institutes of Health (NIH), Hamilton, Montana, USA

Product Description:
NR-52401 is pooled convalescent serum collected from four adult rhesus macaques who were inoculated with severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2), isolate nCoV-WA1-2020 via a combination of intratracheal, intranasal, ocular and oral routes. Serum samples were collected in March 2020 after 21 days post-infection and gamma-irradiated at 2 MRad. Individual blood samples collected from the rhesus macaques were checked and found to be negative for SARS-CoV-2 by quantitative RT-PCR. This immune serum is useful for the development of ELISA based assays for SARS-CoV-2 virus.

Material Provided:
Each vial contains approximately 0.1 mL of serum.

Packaging/Storage:
NR-52401 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
NR-52401 is neutralizing and was shown to be reactive in ELISA assays.

Citation:
Acknowledgment for publications should read “The following reagent was obtained from Emmie de Wit, Ph.D. (emmie.dewit@nih.gov) through BEI Resources, NIAID, NIH: Pooled Non-Human Primate Convalescent Serum to SARS-Related Coronavirus 2, Gamma-Irradiated, NR-52401.”

Biosafety Level: 2

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References:
1. de Wit, E., Personal Communication.

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