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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SARS-CoV-2 Alpha Variant Pseudovirus Expressing Luciferase

Catalog Number: U0402

Regulatory Status: For research use only (RUO)

Product Description: SARS-CoV-2 Alpha Variant Pseudovirus Expressing Luciferase, can be used to measure neutralizing antibody against SARS-CoV-2.

Materials Required But NOT Supplied:

1. 293T-hACE2 cell
2. SARS-CoV-2 Monoclonal Antibody, Cat# MAB22854-M07, Abnova
3. ZymeFree™ Enzyme Free Cell Dissociation Reagent, Cat# TCL028-100ML, HIMEDIA
4. DMEM culture medium containing 10% FBS (complete medium)
5. Luciferase Assay System, Cat# E1500, Promega
 - a. Luciferase Assay Substrate (lyophilized)
 - b. Luciferase Assay Buffer
 - c. Luciferase Cell Culture Lysis Reagent, 5X
6. TC-Treated 24 Well Plates, Cat# 3524, Corning
7. OptiPlate™-96, Cat# 6005290, PerkinElmer

Suitable Sample:

1. Immunized Serum
2. Infected Serum
3. Neutralizing Antibodies
4. Peptide Inhibitors or Proteins
5. Compounds Targeting Spike Induced Cell Fusion

Sample Volume: 10-50 uL (please check sample source)

Detection Method: Luciferase Activity

Technology: [Pseudovirus](#)

Regulatory Status: For research use only (RUO)

Variant: B.1.1.7

Applications: In vivo NT, Neutralization
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product

page for detailed protocols

Activity: 1.2x10⁶ TU/mL

The titer of lentiviral particles is given as transduction units (TU) per milliliter. 1TU = 1 infectious particle.

Storage Instruction: Store at -80°C

Aliquot to avoid repeated freezing and thawing.