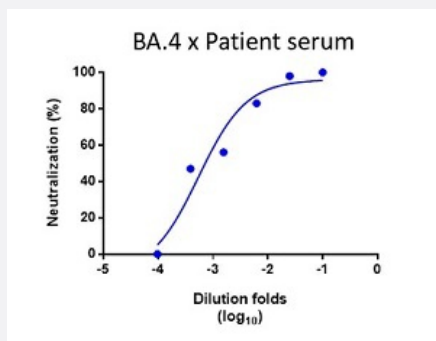


SARS-CoV-2

SARS-CoV-2 Omicron BA.4 Variant Pseudovirus Expressing Luciferase

Catalog # U0428 Size 500 uL

Applications



Neutralization

SARS-CoV-2 Omicron BA.4 Variant Pseudovirus Expressing Luciferase is treated with patient serum, and then added into 293T-ACE cells.

Specification

Product Description

SARS-CoV-2 Omicron BA.4 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

Variant

BA.4

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)
Storage Instruction	Store at -80°C Aliquot to avoid repeated freezing and thawing.

Applications

- Neutralization

SARS-CoV-2 Omicron BA.4 Variant Pseudovirus Expressing Luciferase is treated with patient serum, and then added into 293T-ACE cells.