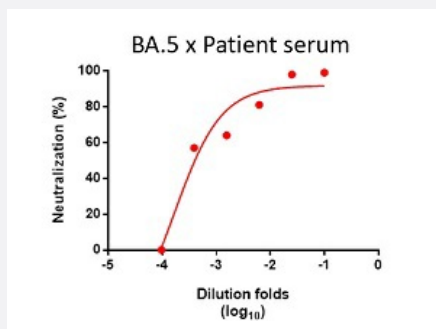


SARS-CoV-2

SARS-CoV-2 Omicron BA.5 Variant Pseudovirus Expressing Luciferase

Catalog # U0429 Size 500 uL

Applications



Neutralization

SARS-CoV-2 Omicron BA.5 Variant Pseudovirus Expressing Luciferase is treated with patient serum, and then added into 293T-ACE cells.

Specification

Product Description

SARS-CoV-2 Omicron BA.5 Variant Pseudovirus Expressing Luciferase can be used to measure neutralizing antibody against SARS-CoV-2.

Materials Required But NOT Supplied

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

Variant

BA.5

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

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