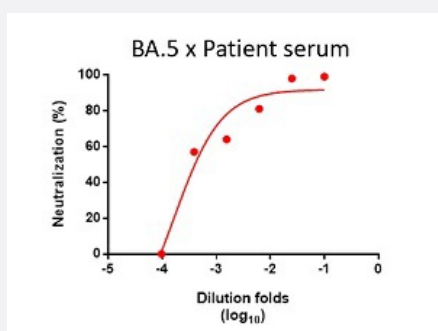


## SARS-CoV-2

# 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

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.5

<b>Suitable Sample</b>	<ol style="list-style-type: none"><li>1. Immunized Serum</li><li>2. Infected Serum</li><li>3. Neutralizing Antibodies</li><li>4. Peptide Inhibitors or Proteins</li><li>5. Compounds Targeting Spike Induced Cell Fusion</li></ol>
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<b>Sample Volume</b>	10-50 uL (please check sample source)
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<b>Detection Method</b>	Luciferase Activity
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<b>Technology</b>	<a href="#">Pseudovirus</a>
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<b>Regulatory Status</b>	For research use only (RUO)
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<b>Storage Instruction</b>	Store at -80°C Aliquot to avoid repeated freezing and thawing.
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