



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### SARS-CoV-2 Omicron Variant Pseudovirus Expressing Luciferase

units (TU) per milliliter. 1TU = 1 infectious particle.

**Catalog Number:** U0416

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

**Regulatory Status:** For research use only (RUO)

**Product Description:** SARS-CoV-2 Omicron 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:** B.1.1.529

**Suitable Sample:**

- Immunized Serum
- Infected Serum
- Neutralizing Antibodies
- Peptide Inhibitors or Proteins
- 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)

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

**Activity:** 1.2x10<sup>6</sup> TU/mL  
The titer of lentiviral particles is given as transduction