

# Virus-like particles of SARS-CoV2

**Catalog Number:** AG1900A/Lot# 062026OPG

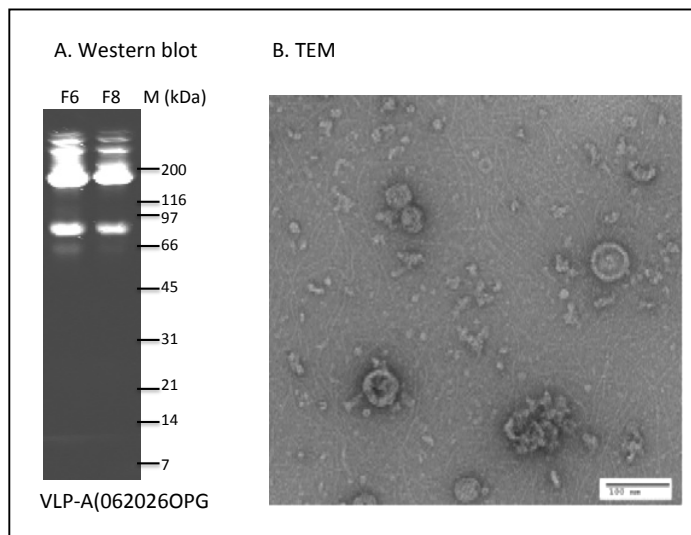
**Strength:** 0.1mg

**Accession:** YP\_009724390, YP\_009724392, YP\_009724393

## Specifications and Use

### Description

The virus-like particles (VLPs) of SARS-CoV2 were expressed in Sf21 cells, assembled with the spike (S, Flag-tagged, Figure A), envelope (E) and membrane (M) proteins of SARS-CoV2. The VLPs were purified by the combination of gradient centrifugation and chromatographic methods. An average size of VLPs is ~60 nm (Figure B). VLPs can be used for 1) antibody generation and neutralization, 2) detection of antibodies of SARS-CoV2, 3) binding assays and others.



### Source

*Sf21*

### Concentration

0.13mg/ml

### Purity

~80%, as determined by SDS-PAGE.

### Biological Activity

VLPs of SARS-CoV2 are suitable for the related assays.

### Formulation

20mM Tris-Cl, pH7.9, 100mM NaCl and 0.5mM EDTA.

### Storage

The protein sample can be stored under sterile conditions at -20°C to -70°C for three months without detectable loss of activity.

**FOR RESEARCH USE ONLY!!!**