



# Pseudotyped VSV-SARS-CoV-2 S-ΔG-EGFP (COV-PSV11)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

### Product Overview

Pseudotyped VSV-SARS-CoV-2 S-ΔG-GFP encodes the antigenomic-sense (or positive-sense) RNA of a replicaton-restricted recombinant vesicular stomatitis virus (rVSV) in which the glycoprotein (G) gene has been replaced with SARS-CoV-2 spike protein. Because the infectivity of Pseudotyped VSV-SARS-CoV-2 S-ΔG-GFP is restricted to a single round of replication, the pseudotypes can be handled using BSL-2 containment practices. The pseudotype VSV particles encode GFP together with the VSV nucleocapsid (N), phosphoprotein (P), glycoprotein (G), and large polymerase subunit (L) in their pVSV-ΔG vector. When the VSV pseudovirus infect the target cells, GFP expression is proportional to the number of cells that were infected.

<b>Species</b>	SARS-CoV-2 (Wuhan-Hu-1)
<b>Size</b>	1 ml
<b>Storage</b>	Store at -80°C. Multiple freeze/thaw cycles not recommended. When using the virus, transfer the virus from the -80 ° C refrigerator and melt it in an ice bath.
<b>Ship</b>	Frozen on dry ice