



Pseudotyped VSV-SARS-CoV-2 S-ΔG-mCherry (COV-PSV10)

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-mCherry is a replication-restricted, recombinant pseudotyped VSV particles containing SARS-CoV-2 spike protein. Because the infectivity of Pseudotyped VSV-SARS-CoV-2 S-ΔG-mCherry is restricted to a single round of replication, the pseudotypes can be handled using BSL-2 containment practices. The pseudotype VSV particles encode mCherry in their pVSV-ΔG vector. When the VSV pseudotypes infect the target cells, mCherry expression is proportional to the number of cells that were infected.
Species	SARS-CoV-2 (Wuhan-Hu-1)
Applications	Pseudotyped VSV-SARS-CoV-2 S-ΔG-mCherry facilitate the analysis of virus entry for SARS-CoV-2 without the need for specialized containment facilities. The pseudotypes also provide a robust platform to screen libraries for entry inhibitors and to evaluate the neutralizing antibody responses following vaccination.
Size	1 ml
Storage	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.
Ship	Frozen on dry ice