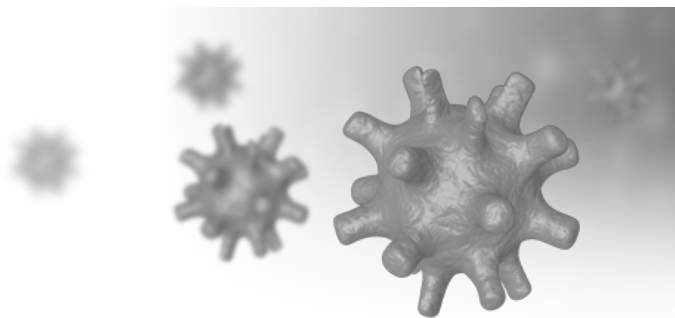




SARS-CoV-2 Delta Plus (AY4.2) Spike-pseudovirus [Luc/GFP]

Cat. No.: COCY-0922-CY512

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

PRODUCT INFORMATION

SARS-CoV-2 Delta Plus (AY4.2) Spike-pseudovirus was prepared by co-transfecting 293T cells with an HIV-1 backbone plasmid and a plasmid containing the SARS-CoV-2 Delta Plus (AY4.2) spike encoding gene. The packaged Spike-pseudovirus expresses full-length spike protein on the surface and carries a luciferase and GFP reporter gene, which can be used to infect cells that overexpress ACE2, and express luciferase and GFP in the cells to characterize infectivity of the viruses.

SPECIFICATIONS

Product Type	Pseudovirus
Target	SARS-CoV-2
Contents	SARS-CoV-2 Delta Plus (AY4.2) Spike full-length gene.
Backbone	Lentiviral vector
Reporter Gene	Luc/GFP
Variant	Delta Plus (AY4.2)
Applications	Neutralizing antibody / serum test / As a standard for ELISA and other tests.
Storage	Store at -20°C to -80°C
Introduction	The 2019 novel coronavirus, or "SARS-CoV-2", was discovered because of Wuhan virus pneumonia cases in 2019, and was named by the World Health Organization on January 12, 2020. It belongs to the beta genera of the Coronaviridae family, together with SARS coronavirus in 2003 and MERS coronavirus in 2012. The alignment between SARS-CoV-2 and

2003 SARS CoV has about 70% sequence similarity and 40% sequence similarity with ME
RS CoV. The coronavirus genome encodes a spike protein, an envelope protein, a membr
ane protein, and a nucleoprotein. Among them, spike protein is the most important surface
membrane protein of coronavirus.

Alternative Names	SARS-CoV-2; Coronavirus; COVID 19; Delta Plus; AY4.2
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