



Telephone: 1-866-757-2414 (Toll Free) 604-247-2416 (Local)
Address: #1-3761 Viking Way, Richmond, BC, Canada V6V 2J5

SARS-CoV-2 S Protein Pseudotype Lentiviral Packaging Mix

Vectors	Cat# LV700 – pLenti-P2A and pLenti-P2S
Description	<p>This 2nd generation lentiviral packaging mix replaces the envelope protein Vesicular Stomatitis Virus (VSV) glycoprotein (G) with the Spike (S) Protein from SARS-CoV-2.</p> <p>For the production of lentiviral particles, three components are generally required: 1) a lentiviral vector containing your inserts of interest (cDNA, shRNA, or miRNA), 2) one or two packaging vectors which contain all necessary viral structure proteins, 3) an envelope vector. In general, lentiviral vectors with a wildtype 5' LTR need the 2nd generation packaging system because these vectors require TAT for activation. However, the 2nd generation packaging mix will also support the production of 3rd lentiviral expression vector with a chimeric 5' LTR. All the lentiviral expression vectors marketed by abm are 3rd generation with a chimeric of RSV promoter upstream of 5'-LTR.</p>
Selection	Ampicillin (Bacterial selection)
Amount	200µl (100µg of pLenti-P2A and pLenti-P2S in equimolar amounts)
Appearance	Liquid
Storage Temperature	-20°C or below (shipped at ambient temperature)
Shelf Life	1 year (when at -20°C or below in a non-frost free freezer)
User Manual	Please refer to the following link: http://www.abmgood.com/Lentivirus-Packaging-Protocol.pdf

