

Dharmacon™ Reagents

CRISPRmod CRISPRi Lentiviral sgRNA controls

Requirements

25 µL × 2 (50 µL total) of 1×10^8 TU/mL or greater

Itemized list of contents

Lentiviral Particles (net quantity 0.025 mL per vial), Dry Ice (net quantity 15 kg)

A. CRISPRmod CRISPRi lentiviral sgRNA non-targeting controls (NTC)

Cat #	Item description	Lot number_Titer*	Volume	Qty
VSGC12243	CRISPRmod CRISPRi Lentiviral sgRNA Non-targeting Control #1	V21101503_1.23 × 10 ⁸ TU/mL V23063004_1.16 × 10 ⁸ TU/mL	25 µL	2

B. CRISPRmod CRISPRi lentiviral sgRNA positive controls

Cat #	Item description	Lot number_Titer*	Volume	Qty
VSGH12239	CRISPRmod CRISPRi Human PPIB Lentiviral sgRNA Positive Control	V21111201_1.33 × 10 ⁸ TU/mL V23063006_1.32 × 10 ⁸ TU/mL V24012705_1.07 × 10 ⁸ TU/mL	25 µL	2
VSGH12241	CRISPRmod CRISPRi Human SEL1L Lentiviral sgRNA Positive Control	V21111201_5.33 × 10 ⁸ TU/mL V23063006_1.88 × 10 ⁸ TU/mL	25 µL	2

Shipping and storage

Store at -80 °C. CRISPRmod CRISPRi Lentiviral sgRNA Controls are shipped on dry ice and should be stored in a -80 °C freezer upon arrival. CRISPRmod lentiviral particles will remain stable for at least one year without any appreciable loss in titer. When ready to use, thaw the viral particles on ice. The viral titers indicated above for each sample are determined from an aliquot that has been through one freeze-thaw. The vials in this package have not been thawed; therefore, the indicated titers are accurate for the first thaw. However, every subsequent freeze-thaw may result in a decrease in titer of two to five-fold. Any viral particles remaining after the first thaw can be aliquoted into smaller volumes and stored at -80 °C.

Classification of CRISPRmod CRISPRi lentiviral sgRNA controls

CRISPRmod CRISPRi viral particles are not capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals, and therefore are not classified as infectious substances under IATA and DOT guidelines.

Description of goods

Replication incompetent viral-like particles of human, mouse, and/or rat origin; intended use is for research purposes only. Proper packaging and labeling of shipments will be utilized to ensure safe and timely transit of lentiviral particle products.

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