

## DESCRIPTION

CAR-T cells are available at  $1 \times 10^6$ - $1 \times 10^9$  cells in frozen vials, and shipped on dry-ice. CAR-T cells are cryopreserved in next-generation cryopreservation CS10 CryoStor medium (*Sigma Aldrich*, Catalog Number: C2874).

## STORAGE TEMPERATURE

Frozen vials of CAR-T cells are stored in vapor phase liquid nitrogen at  $-130^{\circ}\text{C}$ .

## PROTOCOL

1. Thaw Control CAR-T cell samples quickly in a  $37^{\circ}\text{C}$  water bath until all visible ice has melted. Thaw time for a 1 ml sample in a cryovial is 2-3 minutes. Cryovials should be cool to the touch when removed from the water bath.
2. Dilute cell/CryoStor mixture immediately with CAR-T cell culture medium. This can be performed in a single step. The dilution medium should be between  $20$ - $37^{\circ}\text{C}$ . A dilution ratio of 1:10 (sample:medium) or greater is recommended.
3. Plate cells appropriately according to the experimental conditions of assays.
4. Culture the control lentivirus CAR-T cells or use immediately

Note: T cells that are used immediately after thawing have the highest level of viability.

## DELIVERABLES

Available Cell Numbers	Price	Catalog Number
$1 \times 10^6$ cells	\$1,000	PM-CAR1001-1M
$2 \times 10^6$ cells	\$1,500	PM-CAR1001-2M
$1 \times 10^7$ cells	\$4,000	PM-CAR1001-10M
$2 \times 10^8$ cells	Please inquire	PM-CAR1001-200M
$1 \times 10^9$ cells	Please inquire	PM-CAR1001-1KM

## DATA

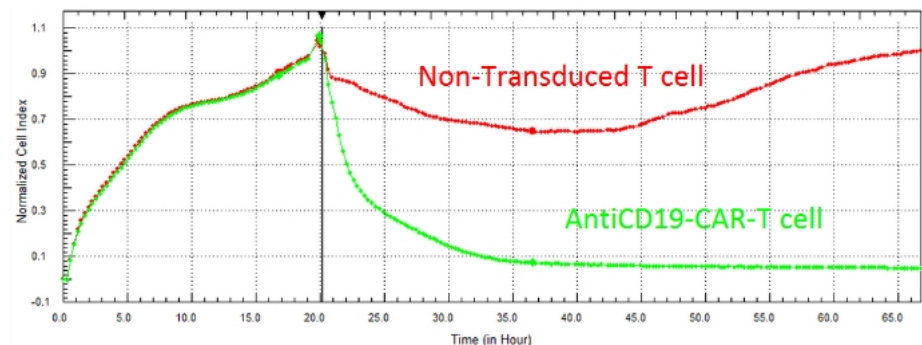


Fig.1. AntiCD19-CAR-T cells showed significant cytotoxic effect on cells over-expressing CD19 antigen. Effector: Target ratio of 10:1

### Products and Services

- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody