

CD19SCFV-4-1BB-CD3 ζ CAR-T CELLS

AMS.PM-CAR-1002-1M

DESCRIPTION

CAR-T cells are available at 1×10^6 - 1×10^9 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). All our cells are pathogen- and mycoplasma- free.

STORAGE TEMPERATURE

Frozen vials of CAR-T cells are stored in vapor phase liquid nitrogen at -130°C .

PROTOCOL

1. Thaw Control CAR-T cell samples quickly in a 37°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°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
1×10^6 cells	\$1,000	PM-CAR1002-1M
2×10^6 cells	\$1,500	PM-CAR1002-2M
1×10^7 cells	\$4,000	PM-CAR1002-10M
2×10^8 cells	Please inquire	PM-CAR1002-200M
1×10^9 cells	Please inquire	PM-CAR1002-1KM

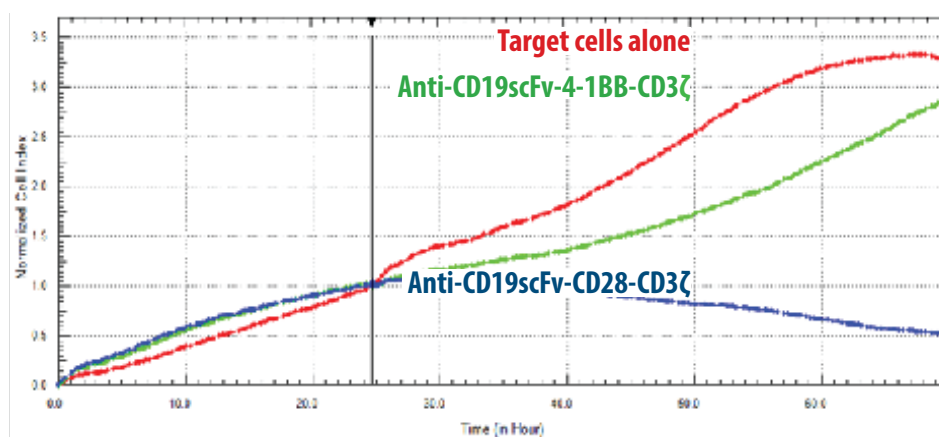
DATA

Figure 1. CD19scFv-4-1BB-CD3 ζ cells show a significant cytotoxic effect on target cells over-expressing the CD19 antigen. Effector:Target ratio of 10:1

AMSBIO | www.amsbio.com | info@amsbio.com

 **UK & Rest of the World**
184 Park Drive, Milton Park
Abingdon OX14 4SE, UK
T: +44 (0)1235 828 200
F: +44 (0) 1235 820 482

 **North America**
1035 Cambridge Street,
Cambridge, MA 02141
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218

 **Germany**
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880

 **Switzerland**
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
T: +41(0) 91 604 55 22
F: +41(0) 91 605 17 85