we know how
immunostep

CAR T-Cells Detection

Revolutionizing precision in Flow Cytometry
with our **BrightStep™ Technology**
CD19 & BCMA

50 min
PROTOCOL

Compatible with
+30
antibody
panels

ADVANTAGES

1. **High Resolution** Identification
2. Compatible with **any Flow Cytometer**
3. **Consistency** and **Reproducibility**
4. **Specificity and Sensitivity**
5. Secondary Reagents **Not Needed**
6. Simple **50 min. Protocol**

Do you want more information?
Scan this QR code and see
all the details of our
CAR T-Cell reagent.

we know how
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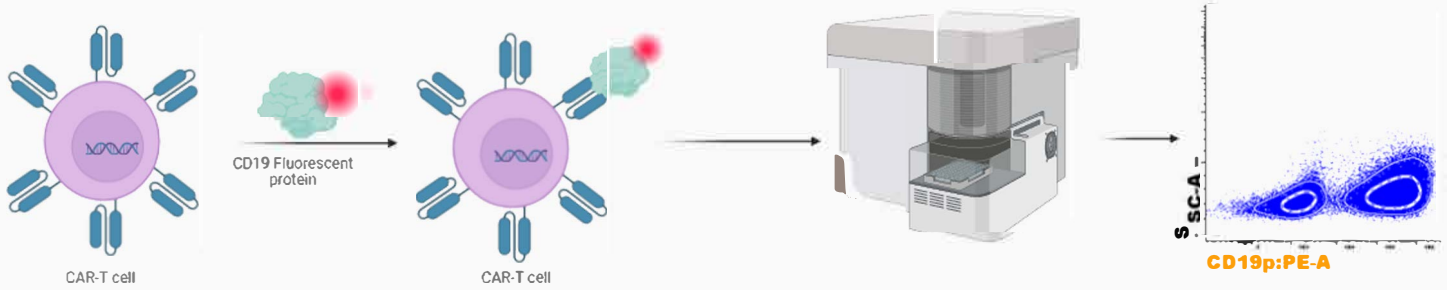
PRINCIPLE OF METHOD

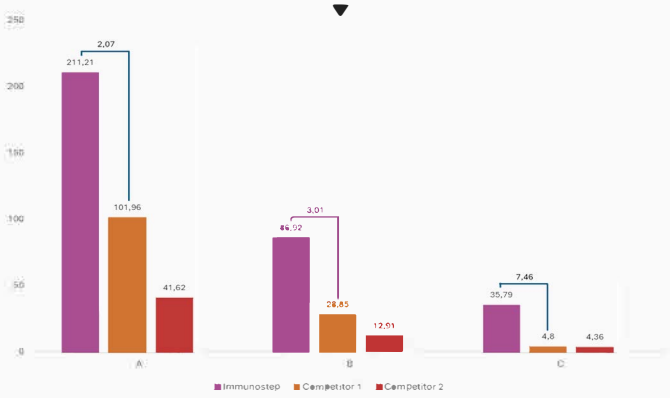
BrightStep™: our cutting-edge labeling technology revolutionizing **CAR T-Cell Detection:**

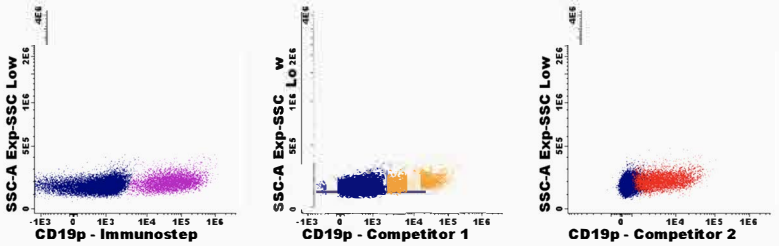


BrightStep™ advanced conjugation technology **enhances fluorescent signal** strength while **preserving the protein's conformation and natural modifications (CD19 and BCMA)**. This ensures unparalleled sensitivity performance without compromising the recognition of the protein by CAR T-Cell chimeric antigen receptors.

REAGENT PERFORMANCE

Bar graph representing the SI data obtained from different samples (Yescarta - DLBCL, Yescarta - FL, & Academic CAR T-Cells - DLBCL) labeling with Immunostep reagent comparing it with reagents from other competitors.

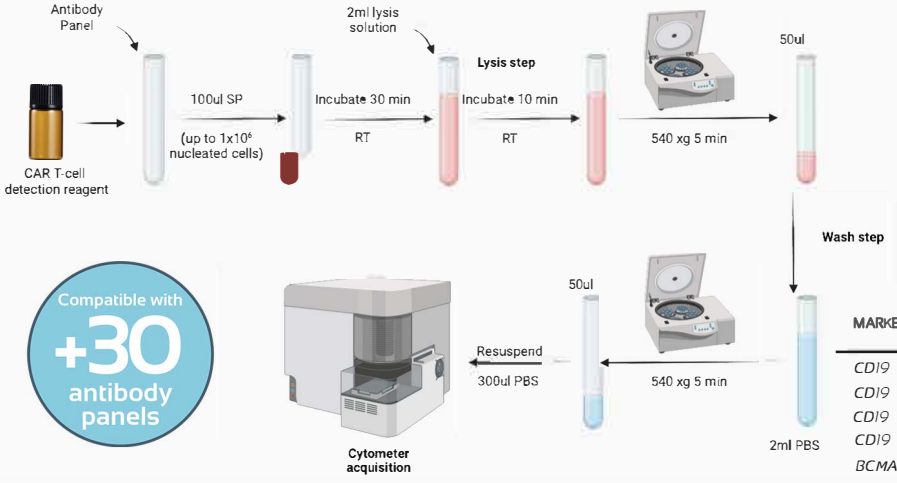




Dot plots representing the sample (C: academic CAR T-Cells) extracted from the bar graph demonstrate the superior discriminatory ability of Immunostep reagent over its competitors.

Evaluation of Immunostep CD19 reagent's efficiency using clinical samples from various commercial and academic sources, including CAR T-Cell therapies like Yescarta, across different cancer diseases. Comparative analyses with competitors reagents were conducted. Despite variability in CAR expression levels, Immunostep consistently outperformed its competitors in accurately discriminating between negative and positive populations, especially in challenging samples.

PROTOCOL 50min



Compatible with **+30** antibody panels

EASY & QUICK PROTOCOL

Optimized with RBC lysing solution (Ref.: RBC10X-50ML)

No secondary reagents needed

Batch-to-batch Consistency and Reproducibility

COMPATIBLE WITH ALL CYTOMETERS

MARKER	REF	Σ		
CD19	19-0212-25T	25 test	PE	RUO
CD19	19-0212-100T	100 test	PE	
CD19	19-0213-25T	25 test	FITC	
CD19	19-0213-100T	100 test	FITC	
BCMA	BCMA-0312-25T	25 test	PE	
BCMA	BCMA-0312-100T	100 test	PE	