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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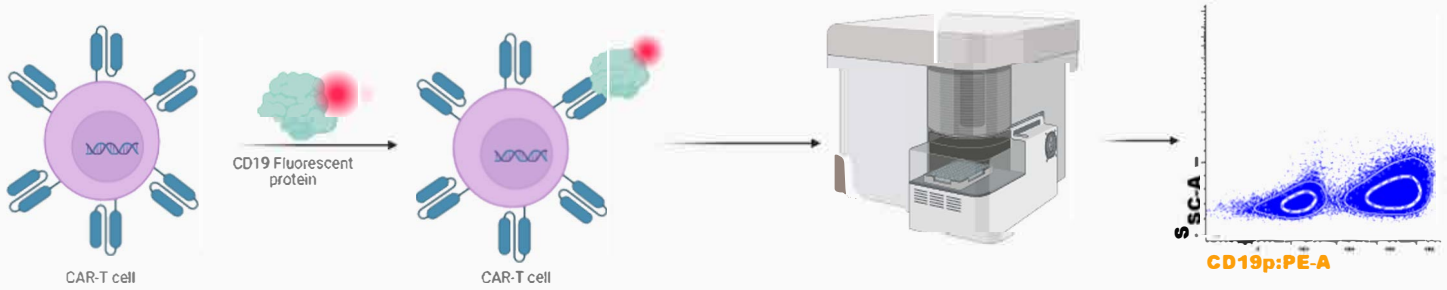
# PRINCIPLE OF METHOD

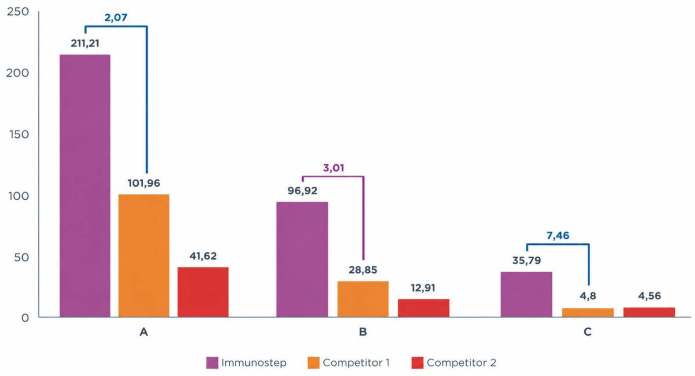
**BrightStep™:** our cutting-edge labeling technology revolutionizing **CAR T-Cell Detection:**

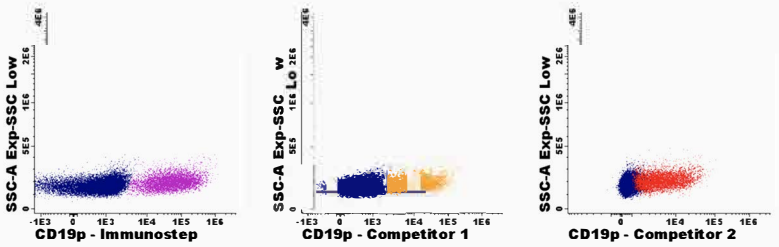



**BrightStep™** advanced conjugation technology **enhances fluorescent signal** strength while **preserving the protein's conformation and natural modifications (CD19 and BCMA)**. This ensures unparalleled sensitivity performance without compromising the recognition of the protein by CAR T-Cell chimeric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

# REAGENT PERFORMANCE

*Bar graph representing the 51 data obtained from different samples (Yescarta - DLBCL (A), Yescarta - FL (B), & Academic CAR T-Cells - DLBCL (C)) /abeling with Immunostep reagent comparing it with reagents from other competitors.*

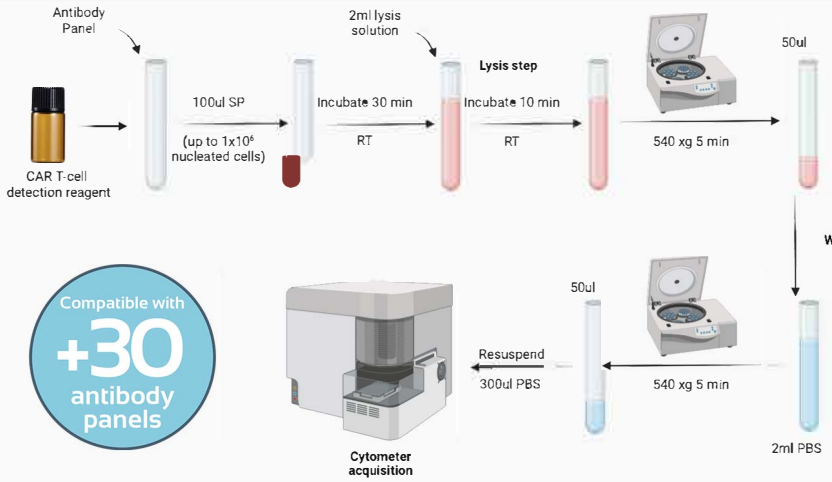



*Dot plots representing the sample (C: academic CAR T-Cells) extracted from the bar graph demonstrate the superior discriminatory ability of Immunostep reagent over its competitors.*

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 | |
| CD19 | 19-0212-100T | 100 test | PE | RUO |
| 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 | |