

Alternative Buffer and Media Tested In-House

- If cells are unstable in PBS, then most common cell culture buffers and media can be used as a replacement so long as it does not contain Mg²⁺ or EDTA.
 - Tested input volume: 2.5 µl and 33 µl
- **Alternative Buffer***: no influence on performance
 - Dulbecco's Phosphate-Buffered Saline (DPBS)
 - Hank's Balanced Salt Solution (HBSS)
- **Alternative Media***: minimal reduction or no loss in performance
 - Eagle's Minimum Essential Medium (EMEM) + 10% FBS
 - Dulbecco's Modified Eagle Medium (DMEM) + 10% FBS
 - Iscove's Modified Eagle Medium (IMEM) + 10% FBS
 - Roswell Park Memorial Institute (RPMI) + 10% FBS
 - Ham's F12 + 10% FBS
 - 1:1 DMEM/F12 +10% FBS
 - M199



**Alternative buffer and media types tested with SC 3' v2 and expected to be compatible with SC V(D)J.*