

Sorting Buffer Recipe

Buffer recipe for sorting:

Sample Preparation: The outcome of the cell sorting process will only be as good as the cell preparation. Most importantly, it is critical to minimize clumps in the sample to be sorted. Clumping is usually caused by inadequate dissociation of cells and/or cell death and release of DNA from dead cells. For these reasons, we recommend the use of a proper sort buffer containing DNase, and passing the sample through a blue capped cell strainer FACS tube prior to sorting.

A typical sort buffer consists of: •

1x PBS or 1x HBSS (Ca/Mg⁺⁺ free) •

1-5mM EDTA • 25mM HEPES pH 7.0 •

1-5% FCS/FBS (Heat-Inactivated) •

10units/mL DNase II •

0.2um filter sterilize