

Vision Live Suspension Solution

rev.9/24

CAT#:	TCR-LSS001-500
AMOUNT:	500 mL
FORM:	Liquid
FORMULATION:	Contains fetal bovine serum (FBS) and other proprietary ingredients
STERILITY:	0.22 µm sterile filtered and packed under sterile conditions
STORAGE CONDITIONS:	4° C
SHIPPING:	Polar pack
STABILITY:	Stable for 6 months when stored as directed

APPLICATION:

Vision Live Suspension Solution is specially formulated for optimal recovery of sorted fractions of live or fixed cell suspensions using VisionSort. It is a ready-to-use sterile buffered solution containing FBS as a protein carrier to minimize heterophilic antibody interference and sodium azide (0.09%) as preservative. The solution can be used as a diluent for Cell Staining, Cell Washing, Cell Suspension, or antibody preparations. In addition, the solution can also be used to suspend cells for sorting experiments.

To optimize viability and recovery during live cell sorting:

Sheath fluid alone does not contain the necessary materials to support cell needs for a prolonged time. Therefore, we recommend using a 1:1 mixture of Vision Live Suspension Solution and cell culture media in the collection tubes. For optimal results in sorting live cells, add 8 mL of the mixture for every hour of sorting. When using a 50 mL tube, the maximum continuous sort is 3 hours (initial liquid volume of 24 mL, consisting of 12 mL each of Vision Live Suspension Solution and cell culture media).

NOTES:

Handle under aseptic conditions. Store solution in desired aliquots at 4° C .
Avoid repeated freeze, thaw cycles.

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