

Mouse T Cell Isolation Kit

with BACS™ Microbubbles

Negative Selection
from Mouse Splenocytes
Capacity: 1 billion cells



AKADEUM
LIFE SCIENCES



Isolate More Cells for Better Results

The Mouse T Cell Isolation Kit delivers a high yield of a highly pure population of T cells from mouse splenocytes that is ready for downstream use. The BACS™ Microbubble workflow is exceptionally gentle on cells, helping to maintain the health and physiology of T cells.

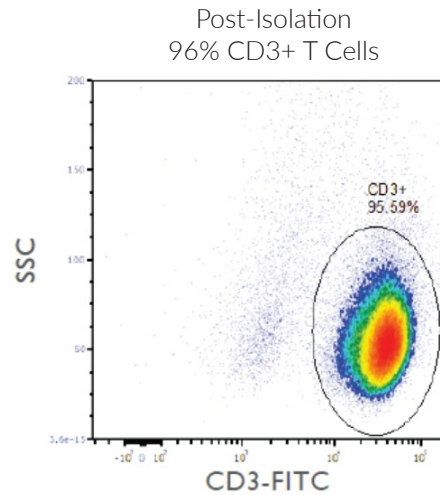
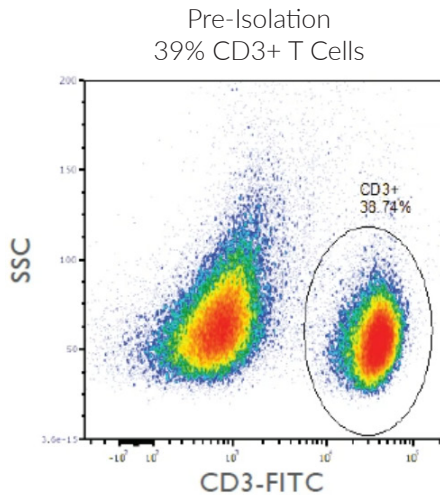
Why BACS™ Microbubbles?

- **Gentle on cells** Uses the power of buoyancy to quickly separate unwanted cells via flotation.
- **Magnet-free, column-free** Cells are not subjected to harsh magnetic or shear forces.
- **Simple workflow** Process unlimited samples simultaneously - doesn't require additional equipment.
- **Reliable and consistent** High-quality, reproducible results with cells ready for all downstream experiments.

High Purity, High Yield, Better Cells

Mouse T Cell Enrichment

Fresh murine T cells were isolated from a heterogeneous splenocyte population using the Mouse T Cell Isolation Kit. Cells were labeled with CD3-FITC.



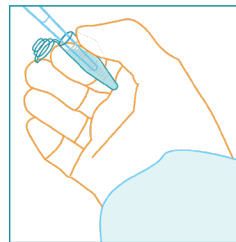
How it Works

The Mouse T Cell Isolation Kit uses streptavidin-conjugated BACS™ Microbubbles and biotinylated antibodies to remove unwanted cells and effectively enrich T cells.

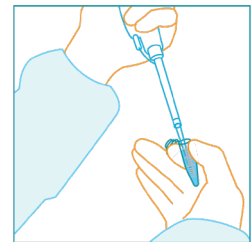
Non-T cells are labeled with an optimized cocktail of antibodies targeting B220 (CD45R), CD11b, CD11c, CD24, CD49b, Gr-1, TER-119, and subsequently mixed with BACS™ Microbubbles.

Microbubble-bound cells float to the top of the container for rapid removal without a column or magnet. A high yield of a highly pure population of mouse T cells is left untouched and ready for downstream applications.

1 Label Cells



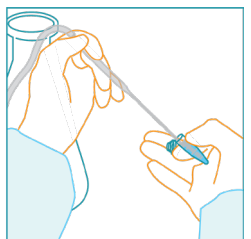
2 Add Microbubbles



3 Centrifuge



4 Aspirate Microbubbles



Mouse T Cell Isolation Kit

SKU: 12210-120