



AKADEUM
LIFE SCIENCES

Microbubble Leukopak Human T Cell Isolation Kit - GMP Grade

with BACS™ Microbubbles

From leukopak bag to purified T cells in one hour!



Why use Akadeum GMP grade Leukopak Isolation Kits?

As with our original research, using the **Human Leukopak T Cell Isolation Kit** to separate highly pure populations of untouched T cells directly from leukapheresis material is a snap! Now with the benefits that come with using a GMP compliant product, the **Microbubble Leukopak Human T Cell Isolation Kit** is developed with **BACS™ Microbubbles** to isolate pristine and untouched T cells from leukopak material. Unwanted cells are targeted and removed via negative selection using antibodies recognizing CD14, CD16, CD19, CD20, CD36, CD56, CD123, and CD235ab. Isolated T cells are suitable for a wide variety of downstream assays, including cell culture, flow cytometry, scRNA-Seq, or other functional studies. The **Microbubble Leukopak Human T Cell Isolation Kit** has the capacity to isolate T cells from an average half-leukopak (12.5×10^9 total cells, red blood cells and white blood cells combined).

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Why use Akadeum GMP grade Leukopak Isolation Kits?



GMP grade

Our GMP grade allow you to have peace of mind, with stringent documentation and processes, traceability, and well-defined standard.



Enjoy higher recovery

Industry leading recovery of T cells from leukopak material allows you to get the most out of your leukopaks, limiting donor recalls.



Shorter processing time

From leukopak bag to purified cells in under an hour enables greater productivity, adding flexibility to your day.



No dedicated equipment, no magnets, or columns

Only general tools and equipment are needed for our quick and easy workflow.

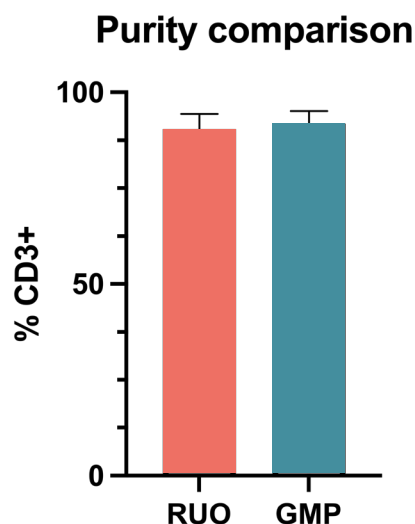
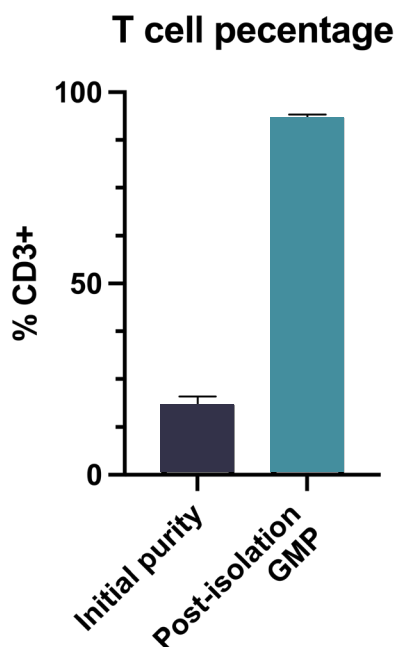
Our GMP Standards at Akadeum

We at Akadeum Life Sciences have aligned our procedures to offer you a GMP compliant product because our customers' research matters to us. This is built on a foundation of reliable and reproducible processes, GMP-compliant facilities, and a well-trained and highly qualified staff.

GMP regulations such as 21 CFR 820 make sure manufacturers establish and follow quality systems to help ensure that their products consistently meet applicable requirements. Combined with the advantages of the human cell-expressed system, Akadeum GMP-compliant products are ideal for use in your separation processes.

Enrichment from Leukopaks

The **Microbubble Leukopak Human T Cell Isolation Kit** eliminates the need for excess equipment and time consuming sample preparation (i.e., Ficoll gradients or lysis) – allowing you more time to spend focusing on your science. By eliminating the need for pre-processing, the **Microbubble Leukopak Human T Cell Isolation Kit** minimizes handling steps and consistently delivers higher numbers of isolated T cells from leukopak material.



Ordering Information: 13210-221GMP Microbubble Leukopak Human PBMC Isolation Kit – GMP Grade