



AKADEUM
LIFE SCIENCES®

Human T Cell Leukopak Isolation Kit - GMP Grade with Akadeum Microbubbles

From leukopak bag to purified T cells in one hour!



Better Isolations. Better Cells. Better Therapies.

The Human T Cell Leukopak Isolation Kit was developed with BACS™ Microbubbles to isolate untouched T cells from washed leukopak material. Leveraging the gentleness of flotation, non-T cells are targeted and removed with antibodies recognizing CD14, CD16, CD19, CD20, CD36, CD56, CD123, and CD235ab via negative selection. Using the Alerion™ Microbubble Cell Separation System scale up negative selection to 10s of billions of cells on a closed system in less than an hour. Isolated T cells are suitable for formulation, flow cytometry, activation and expansion, cell culture, or other cell therapy workflows.

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#FL13210221GA03

Why use Akadeum's Human T Cell Leukopak Isolation Kits?



GMP grade

Have peace of mind with stringent documentation and processes, traceability, and regulatory adherence.



Higher Recovery

Industry leading recovery of T cells from leukopak material enhances CAR-T production and cell health.



Saves Time

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



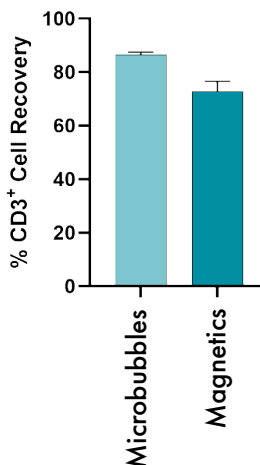
Automatable

With the Alerion™ System negative selection at scale is finally enabled and your hands-on time will be all but eliminated

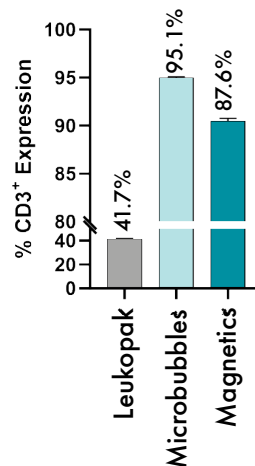
Enrichment from Leukopaks

With the ability to start with a washed leukopak, the **Human T Cell Leukopak Isolation Kit** minimizes handling steps and consistently delivers greater numbers of highly pure isolated T cells from leukopak material. For additional scale up and efficiency, the kit is compatible with the Alerion™ Microbubble Cell Separation System.

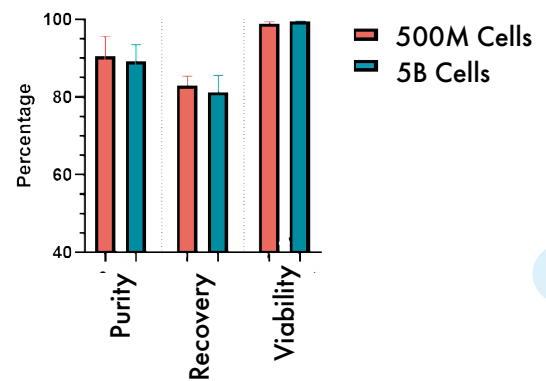
Microbubbles Recover More Cells than Magnetics



Microbubbles Yield Purer Cells than Magnetics



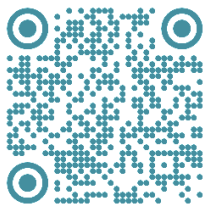
Microbubbles Have Similar Purity, Recovery, and Viability across Scales



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.



Learn more about our products

Ordering Information

Catalog Number

13210-221GMP

13210-221

Product Name

Human T Cell Leukopak Isolation Kit - GMP

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