

Cell Isolation and Activation



◎ **CytoSinct™ 1000**
Automated Cell Isolation and Depletion



Highly Efficient Isolation

Excellent performance
Customizable programs



Clinical Use

Data integrity
(21 CFR Part 11 compliant)
Complete solution
includes GMP reagents



Closed System

Sterile operation
maintained

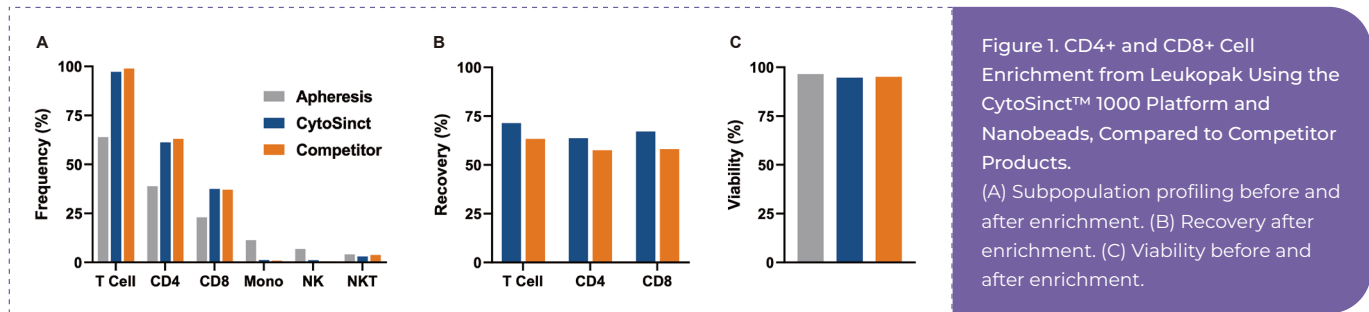
◎ **CytoSinct™ Manual System**



Reagents and Consumables

- CytoSinct™ Cell Isolation Nanobeads: CD4, CD8, CD3, TCR $\alpha\beta$, Streptavidin, and more
- Enceed™ Activation Reagent: CD3/CD28
- GMP and RUO Grade

CD4+ and CD8+ Cell Enrichment Using the CytoSinct™ Solutions vs. Competitor Products



T-Cell Activation and Expansion Using Enceed™ CD3/CD28 Activation Reagent vs Competitor Products

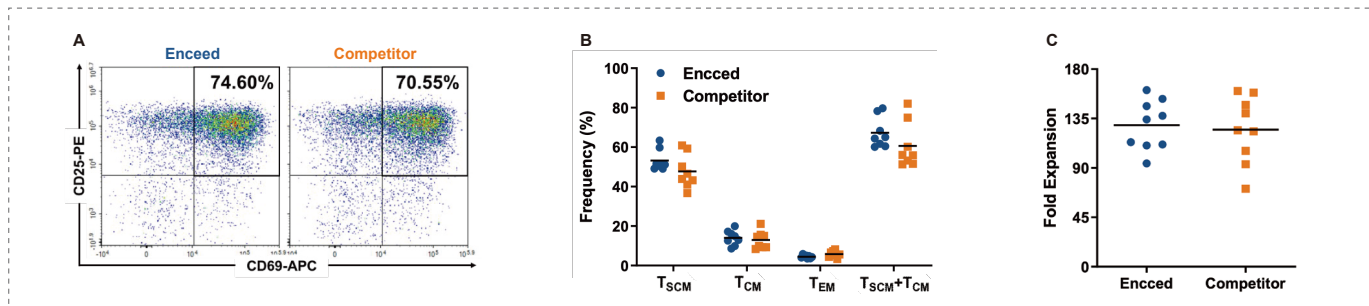


Figure 2. Activation, Expansion, and Memory Phenotype of Enriched T-Cells from Donor-Derived Leukopaks Using Enceed™ CD3/CD28 Activation Reagent Compared to Competitor Product

(A) Activation level indicated by CD25+ CD69+ percentage, detected by flow cytometry, is higher in cells activated by the Enceed™ reagent compared to competitor products 48 hours after treatment. (B) Trend of higher T_{SCM} in enriched T-cells 10 days after activation by Enceed™ reagent compared to competitor's. (C) Cell expansion indicated by fold change 10 days after activation and cultivation.

CytoSinct™ Cell Isolation Offerings:

Product Name	Application
CytoSinct™ 1000	Automated
CytoSinct™ 1000 Tubing Set	
CytoSinct™ 1000 LS Tubing Set	
CytoSinct™ 1000 Depletion Tubing Set	
CytoSinct™ gStand	Manual
CytoSinct™ gM columns	
CytoSinct™ gL columns	
CytoSinct™ M1 magnet	
CytoSinct™ M8 magnet	
CytoSinct™ L1 magnet	
CytoSinct™ L4 magnet	

Product Name	Available Options
CytoSinct™ CD4 Nanobeads, human	GMP Grade and Research Use
CytoSinct™ CD8 Nanobeads, human	
CytoSinct™ CD3 Nanobeads, human	
CytoSinct™ TCR αβ Nanobeads, human	
CytoSinct™ CD56 Nanobeads, human	Research Use
CytoSinct™ CD34 Nanobeads, human	
CytoSinct™ CD14 Nanobeads, human	
CytoSinct™ CD19 Nanobeads, human	
CytoSinct™ CD25 Nanobeads, human	
CytoSinct™ Streptavidin Nanobeads	

Enceed™ Cell Activation Reagent Offerings:

Product Name	Available Options
Enceed™ T cell Activation, human	GMP Grade and Research Use

CAN'T FIND WHAT YOU NEED?

Please send your request to product.techsupport@genscript.com and we can offer customization to meet your need

