

Cell Isolation Solutions

Cell isolation made easy



CytoSinct™ 1000 Isolation System

- Intuitive user interface for easy operation
- Guided tube set installation
- Barcode scanning for easy data entry
- GMP consumables

CytoSinct™ 1000

GenScript offers a wide range of reagents, accessories, and system solutions for automated and manual cell isolation from human cells. The CytoSinct™ 1000 Cell Isolation system for easy, automated depletion or enrichment of target cells.

Scientists can isolate up to 120×10^9 total cells in a single run and complete the process starting from 30 minutes.



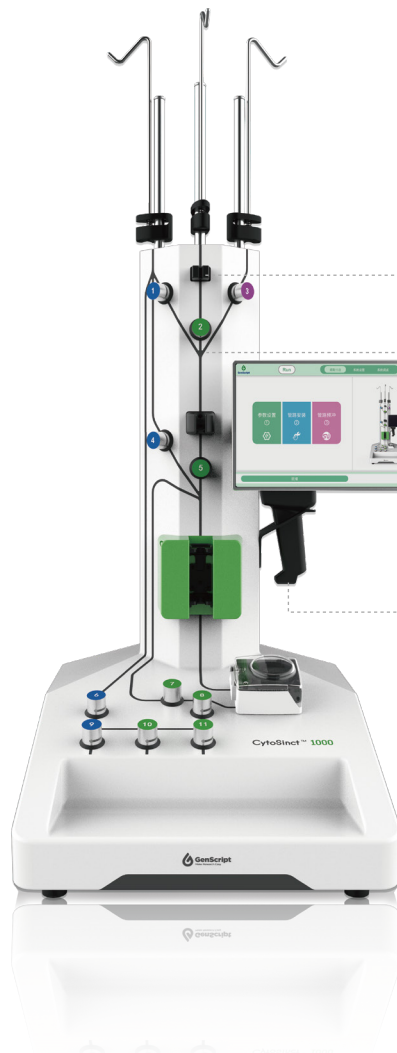
Complete Solution for Clinical Use
GMP consumables available



Highly Efficient Cell Isolation



Closed System
Sterile operation with an enclosed environment



Data Integrity
21 CFR Part 11 compliance



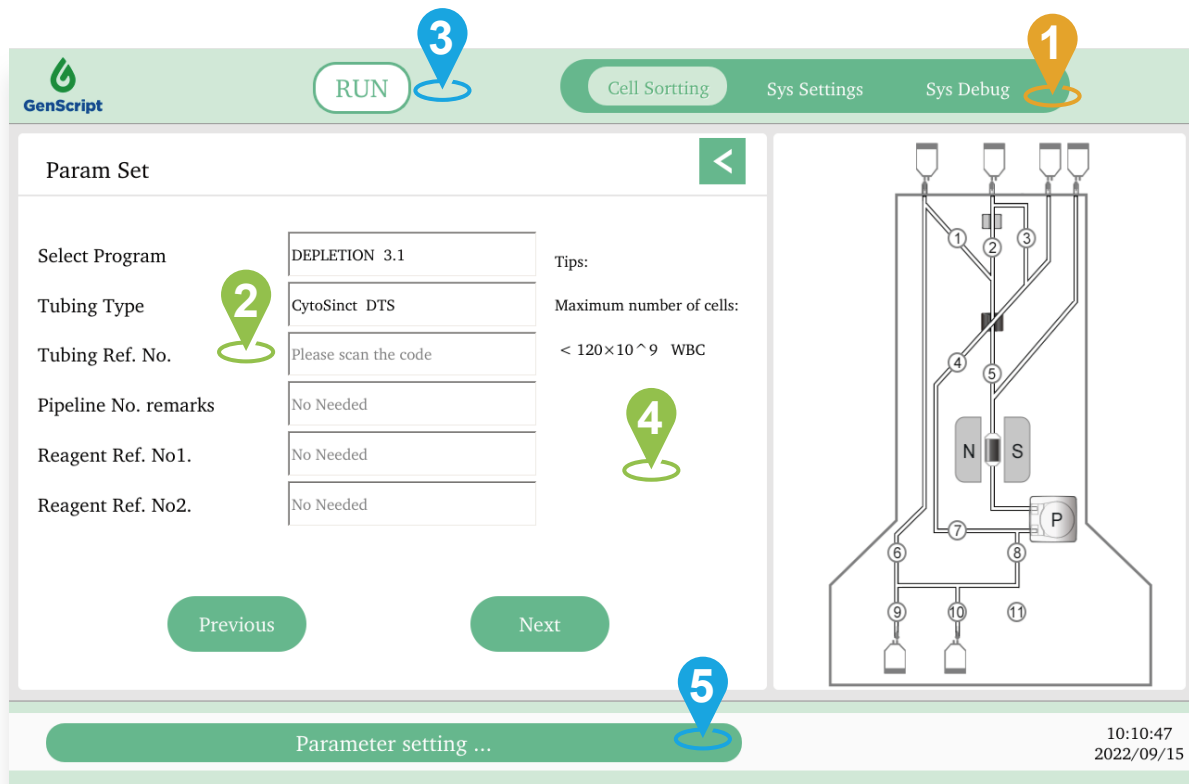
Wireless Data Transmission
Quick data export to the local network



Customized Program
Flexible software to meet various needs

User Interface

The CytoSinct™ 1000 provides intuitive user interface for easy operation



1

Main controls easily accessible

2

Barcode scanning for easy reagent entry

3

Customizable programming providing flexibility to meet project-specific requirements

4

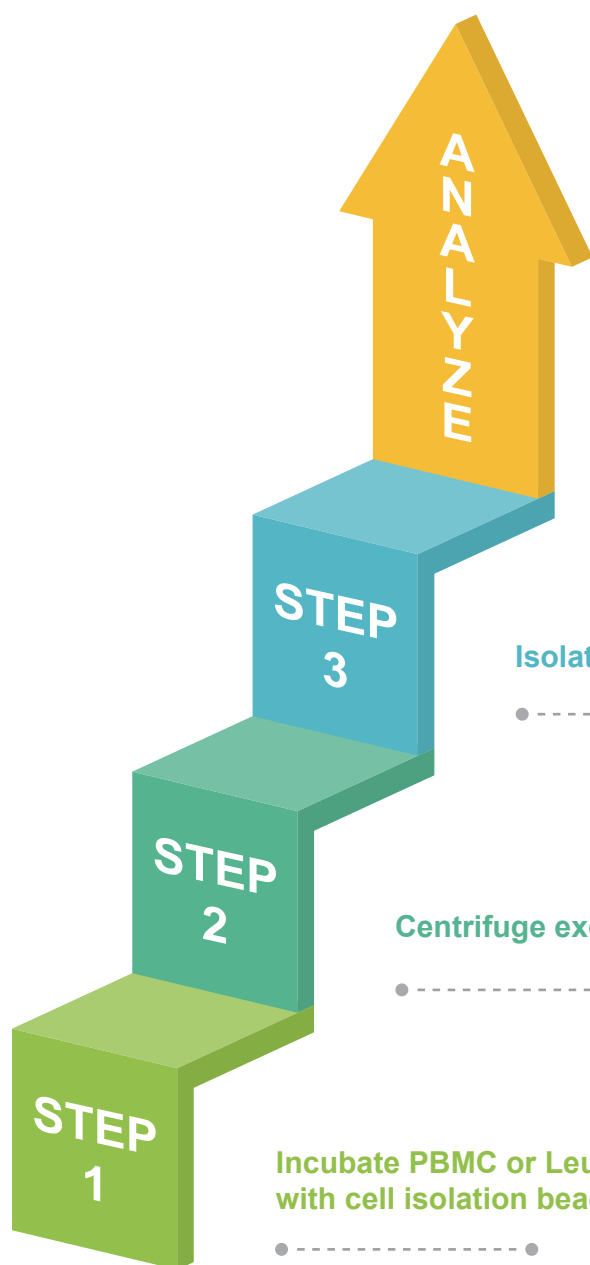
Lot tracking and file export ensuring full traceability

5

Workflow screen provides real-time status overview and estimated completion time for a full walkaway solution

CytoSinct™ Workflow

Cell isolation in three easy steps



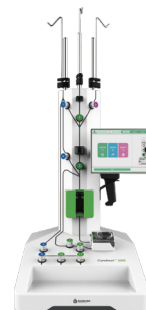
Incubate PBMC or Leukopak
with cell isolation beads



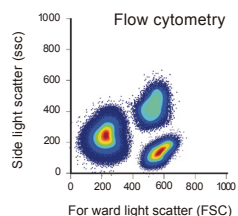
Centrifuge excess beads

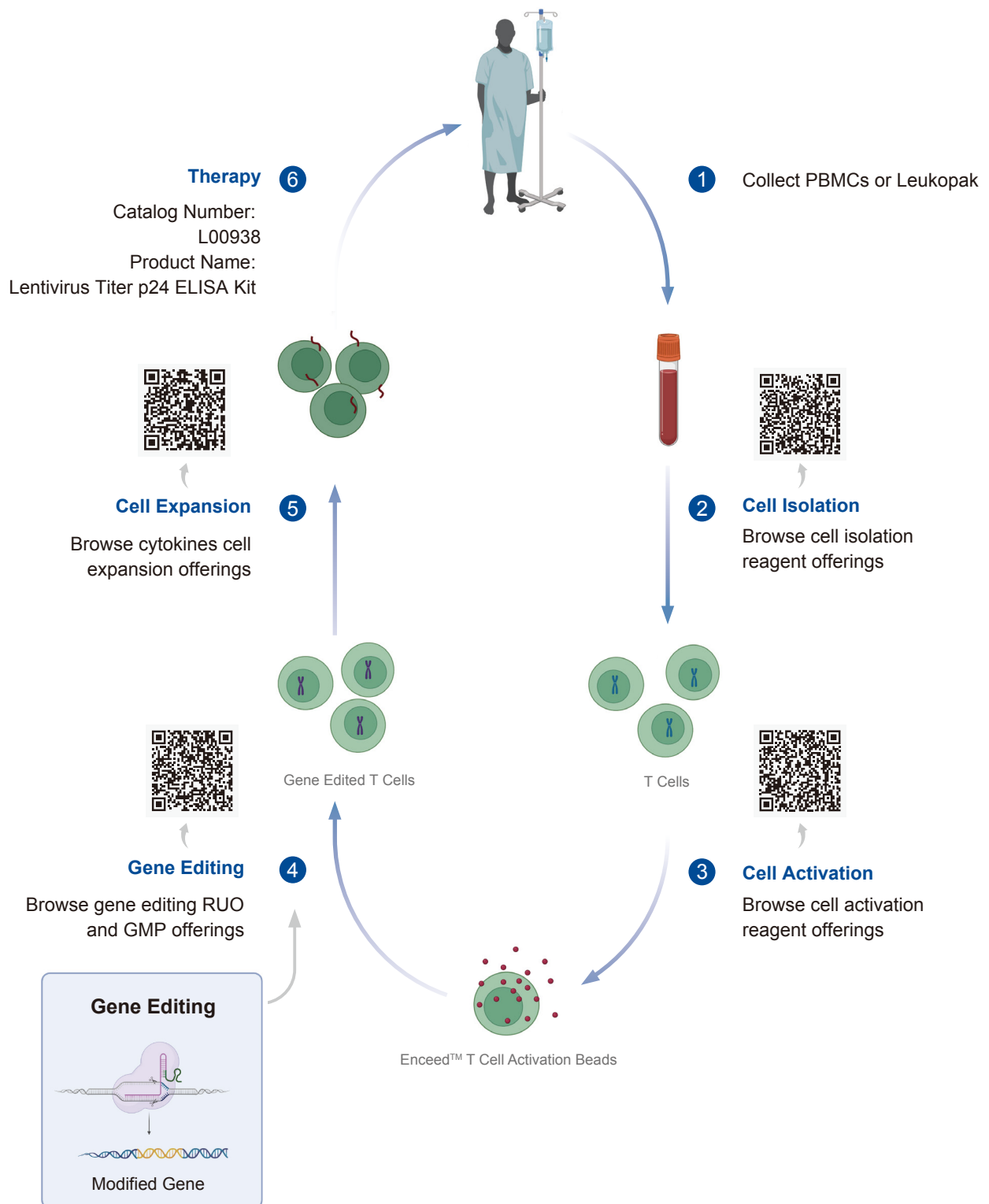


Isolate cells of interest



Proceed to the next step
within your workflow





*Created with Biorender

Specifications and Ordering Information

Instrument and Consumables Ordering Information

Product	Catalog Number	Capacity
CytoSinct™ 1000	D00023	Compatible with all CytoSinct™ tubing set products
CytoSinct™ 1000 Tubing Set, LS Tubing Set	D00029, D00030	Up to 6×10^{10} and 1.2×10^{11} total cells
CytoSinct™ 1000 Depletion Tubing Set	D00031	Up to 1.2×10^{11} total cells

Cell Isolation and Activation Beads

Application	Product	Catalog Number	Package Size	Capacity
T Cell	CytoSinct™ CD4 Nanobeads, human	L00863	1 mL, 500 µL	Up to 1×10^9 and 5×10^8 total MNCs
	CytoSinct™ CD8 Nanobeads, human	L00864	1 mL, 500 µL	Up to 1×10^9 and 5×10^8 total MNCs
	CytoSinct™ CD3 Nanobeads, human	L00896	1 mL, 500 µL	Up to 1×10^9 and 5×10^8 total MNCs
	CytoSinct™ TCR αβ Nanobeads, human	L00897	1 mL, 500 µL	Up to 1×10^9 and 5×10^8 total MNCs
	Enceed™ T cell Activation, human	L00899	1 mL, 500 µL	Up to 2×10^8 and 1×10^8 T cells
NK Cell	CytoSinct™ CD56 Nanobeads, human	L00903	1 mL, 500 µL	Up to 1×10^9 and 5×10^8 total MNCs
Universal	CytoSinct™ Streptavidin Nanobeads	L00898	1 mL, 500 µL	Up to 1×10^9 and 5×10^8 total MNCs

GMP Grade Nanobeads

Product	Catalog Number	Package Size	Capacity
CytoSinct™ CD4, CD8 Nanobeads, human (GMP)	L00932, L00933	2.5 mL, 7.5 mL	Up to 1.33×10^{10} and 4.00×10^{10} total MNCs
CytoSinct™ CD3 Nanobeads, human (GMP)	L00934	7.5 mL	Up to 4.00×10^{10} total MNCs
Enceed™ T cell Activation, human (GMP)	L00935	4 mL	Up to 1.00×10^8 T cells

Accessories



CytoSinct™ M1 Magnet
Holds 1 CytoSinct™ gM column



CytoSinct™ gStand
Compatible with
all CytoSinct™ Magnets



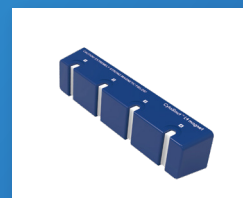
CytoSinct™ L1 Magnet
Holds 1 CytoSinct™ gL column



CytoSinct™ M8 Magnet
Holds 8 CytoSinct™ gM columns



CytoSinct™
Manual separation solution



CytoSinct™ L4 Magnet
Holds 4 CytoSinct™ gL columns

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Explore the CytoSinct™ Cell
Therapy Solutions