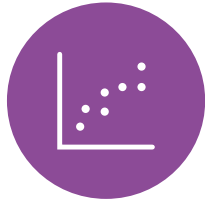
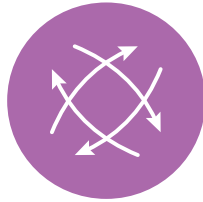


Versatile Platform supporting Flexible and Cost-Effective Cell Therapy Development

**COST-EFFECTIVE****HIGH PERFORMANCE****FAST AND FLEXIBLE**

GMP Ready

21CFR Part 11 compliant with Audit Trail

Customizable and lockable protocols

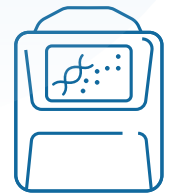
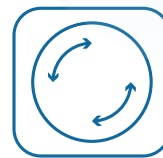
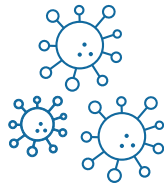
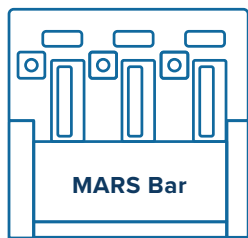
Single use sterile fluids

ISO13485

FDA DMF imminent

CE, UL, RoHS, REACH

GMP Reagents

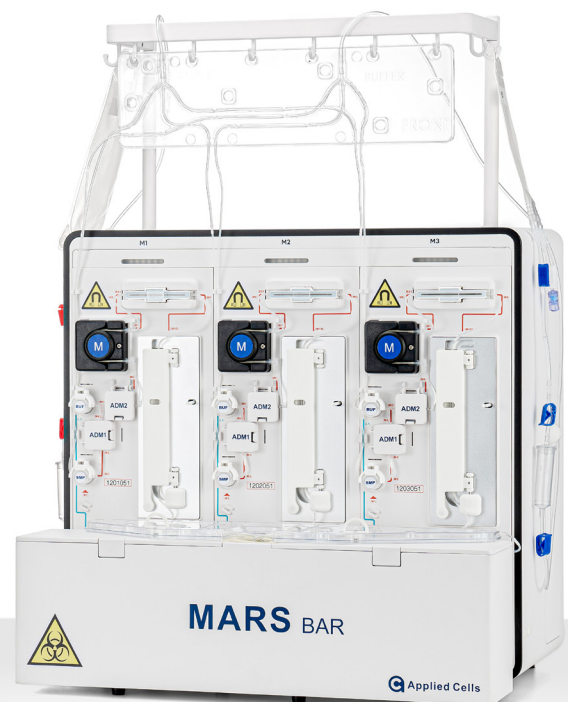
**Isolation, activation and seeding****Transduction****Expansion****Harvest and Cryopreservation****Analytics**

Advanced Magnetic Selection

Column-free cell selection with 50nm - 4.5 µm magnetic beads

Sterile Closed System

Ensures a sterile environment through closed-fluidics design





COST-EFFECTIVE

Cost-Effective

Column-free design reduces number of steps in cell therapy workflow, saves reagents, provides competitive running cost over other market solutions

GMP Ready

Designed for GMP environments with compliance-ready software and documentation

GMP reagents

- CD4/CD8 nano biodegradable beads for T cell selection
- CD14 nano biodegradable beads for monocyte selection
- CD3/CD28 micro beads T cells selection and activation



HIGH PERFORMANCE

From CAR-T to Transformative Cell Therapies

Supporting a variety of sample types, volumes, and reagents

High Purity, Recovery, and Viability

Top performance achieved for fresh or frozen leukopak samples, and directly from peripheral blood

Direct Elution Options

Cell elution directly into culture media or buffers, achieving volume reduction and buffer exchange for immediate downstream processes

Customizable Protocols

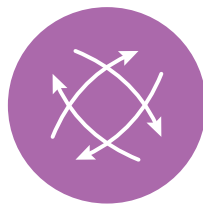
Quick and easy protocol configuration, saving and locking settings in seconds

Ease of use

On-screen step-by-step guidance requiring minimal training, with 10-min tubing kit setup and <5-min removal.

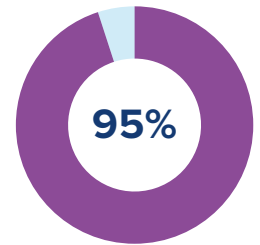
Flexible & Fast

Easy scaling from small to large cell numbers, for diverse production needs

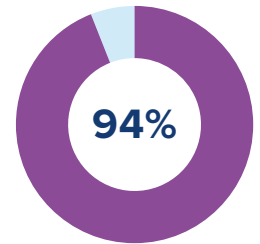


FAST AND FLEXIBLE

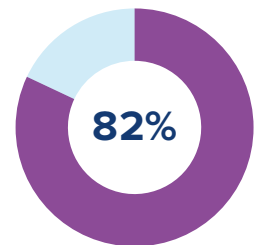
T Cell Isolation



VIABILITY



PURITY



RECOVERY

Specifications	Full LP	½ LP	¼ LP
Pre-Label Volume	50 mL	25 mL	25 mL
Label Incubation Time	30 min		
Pre-MARS Volume	130 mL	65 mL	35mL
T Cell Selection Time	81 min	43 min	24 min
Total MARS Time	92 min	54 min	35 min



Learn more at
appliedcells.com

CONTACT US

For research use only. Not for use in therapeutic or diagnostic procedures.

© Copyright 2024. All rights reserved. Applied Cells and MARS® are registered trademarks of Applied Cells, Inc. All other trademarks are the property of their respective owners.

AC_F04A