

**NEW!**

# Introducing the DA-Cell™ System

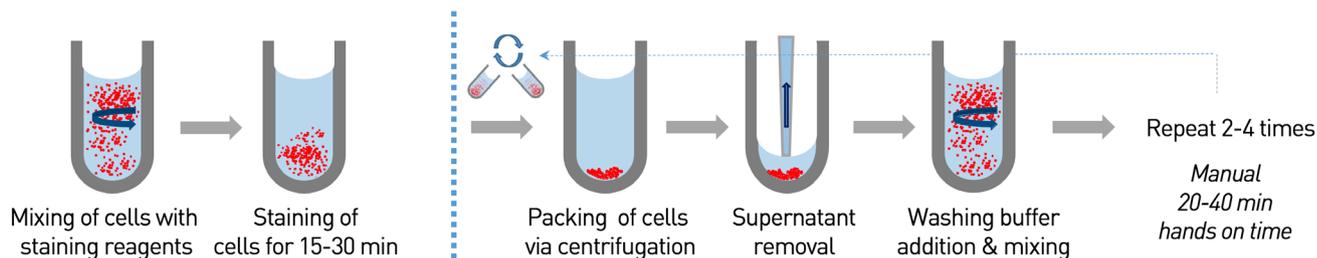
A Centrifuge-less Flow Cytometry System Providing More Consistent Results

At last, a transformative new way to run your flow assays – The DA-Cell™ System. DA-Cell uses a 96-well plate and washer that uses gravity and laminar flow to wash your cells in 3–6 minutes. The system is fully automated and operator independent, helping you attain more consistent results.

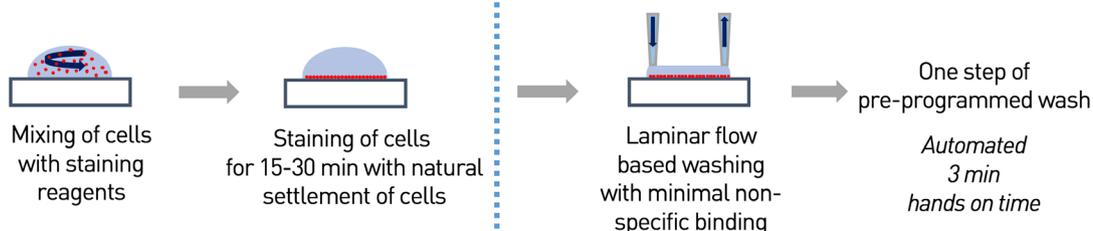
## DA-Cell lets you achieve:

- Consistency by reducing variation from manual handling
- Time savings by completing cell washing in 3–6 minutes
- More than 95% cell retention, even after multiple washes of permeabilized cells\*
- Reduced cell stress due to no centrifugation
- Easy integration into your lab automation

### Cell centrifugation washing method

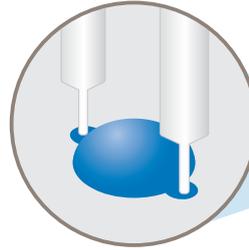


### DA-Cell washing method



\*The actual cell retention may vary subject to a type of cell and assay. One well can accommodate a single cell to ten million cells.

- Each well accommodates up to 75ul, 300ul for whole blood
- Plate can handle single cell to 10M cells/well
- Plates follow SBS standards



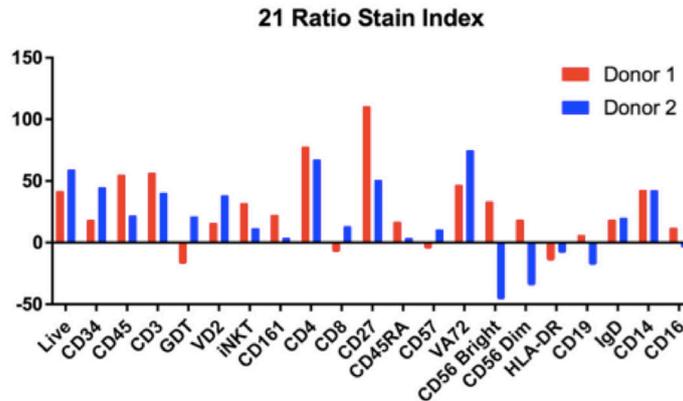
**DA-Cell 96-well wall-less Plate**

**DA-Cell Washer HT1000**

**Figure 2. DA-Cell wall-less plate and washer with an enlarged version of the dual nozzle action.**

The DA-Cell system enables you to prepare samples for multi-color flow cytometry and bypasses the need for centrifugation and washing of suspension cells. The DA-Cell technology enables you to use a 96 droplet based format instead of a conventional microwell plate.

## POWERFUL DATA



The figure above shows a comparison of a DA-Cell versus traditional 96-well microtiter (MTP) plate using centrifugation. PBMCs were aliquoted by 1 million per well for both DA-Cell and MTP. A 21-color mastermix of antibodies was added, mixed, and cells washed by their respective method. Cells were collected for data acquisition by flow cytometry. DA-Cell distinguished cell populations more effectively, resulted in higher stain index, and produced a more accurate heat map for the 21-color assay.

To learn more about the new DA-Cell system or request a demo, visit [www.curiox.com/flowcytometry](http://www.curiox.com/flowcytometry) or email us at [sales@curiox.com](mailto:sales@curiox.com)

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