

Curiox Biosystems Announces an Exciting Innovation in Flow Cytometry!

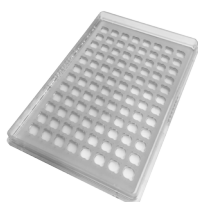
New DA-Cell™, a novel cell processing technology, enables superior staining and retention of suspension cells using centrifuge-less washing

- Clear and easy gating and segregation of cell populations (or cells)
- Cell retention > 95%
- Consistent and reproducible data
- Thorough washing in 2-4 minutes

Visit us at CYTO2017 Booth #108

This novel technology was selected for the CYTO Innovation Technology Showcase to be presented by Dr. Namyong Kim, President and CEO of Curiox Biosystems. The event will take place Saturday June 10, 2017 at 3 P.M. in Ballroom B of the Hynes Convention Center.

DA-Cell 96-well wall-less Plate

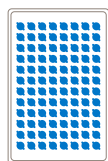


DA-Cell Washer HT1000



Be one of the first to try this revolutionary technology!

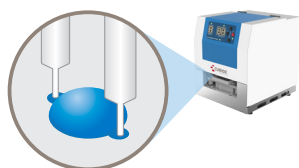
Visit us at
www.curiox.com/DACell
for availability and updates.



- The wall-less DA-Cell plate consists of an array of 96 hydrophilic spots surrounded by a "never-wet" hydrophobic surface. The hydrophobic surface functions as a virtual wall that separates the 96 spots.



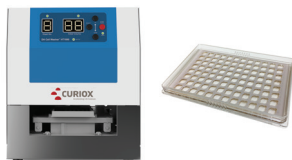
- Each spot is composed of one primary circular spot and two smaller satellite spots.



- The cell washer has two nozzles assigned per spot on the DA plate for a total of two sets of 96 nozzles. One set of 96 nozzles is aligned with one of the satellite spots for dispensing wash buffer and the second set of 96 nozzles is aligned with the other satellite spot for aspirating the waste buffer.
- A 96-well plate can be washed in 2-4 minutes.

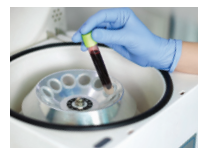
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DA-Cell™

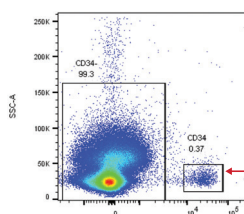


VS

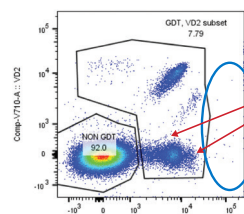
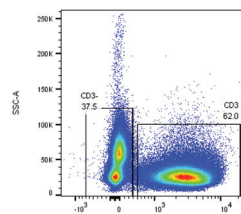
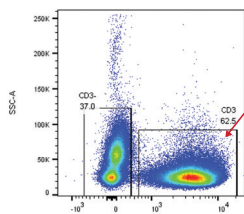
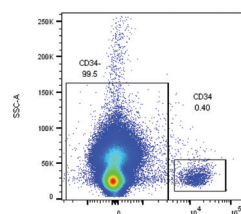
Centrifugation (FACS tubes)



Data courtesy of Singapore Immunology Networks (SigN)

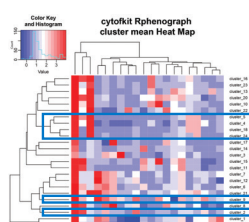
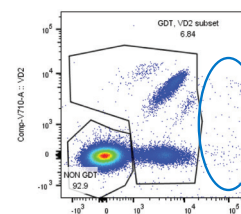


DA-Cell results in better (wider and clearer) resolution of cell populations



DA-Cell shows better resolution and clearer separation of challenging sub-population

DA-Cell results in fewer outlier cells



DA-Cell produces better data and more accurate Heatmap

CD8 EM
CD4 CD57
CD8 TE

No signs of CD4 or CD57

DA-Cell shows switch memory B cells which is not visible with centrifugation with FACS tube

