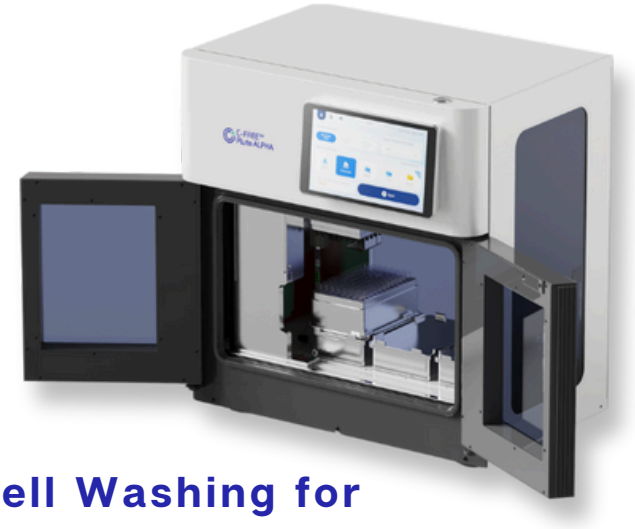
CURIOX
BIOLOGY AT ITS BEST

Curiox C-FREE™ Pluto ALPHA System



Automated, Centrifuge-Less Cell Washing for Consistent Results

Standardize your workflow, save hands-on time, and protect your cells—without the cost and complexity of full automation

Spend less time washing cells and more time on breakthrough research.

Why Labs Struggle with Manual Washing?

Cell Loss
Harsh spins damage fragile cells

Time-Consuming
Multiple centrifuge steps per sample

Inconsistent Performance
User variability affects reproducibility

Biosafety Risk
Flicking & aspiration create aerosols

Pluto ALPHA solves these problems with reproducible, walk-away automation.

Key Benefits of Pluto ALPHA

Gentle Cell Handling
Advanced pipette-based technology ensures consistent washing without disruptive centifugation

Compact and Affordable
Built to fit your lab—and your budget—without compromising performance

Minimal Maintenance
Virtually no moving parts reduce downtime and operational costs

Streamlined Setup
Designed for effortless integration into existing workflows with no need for complex infrastructure

Proven Performance: Gentle Wash, Clearer Data

Compared to centrifuge-based methods, Pluto performs comparable cell retention and reduces background for clean, reproducible staining results.

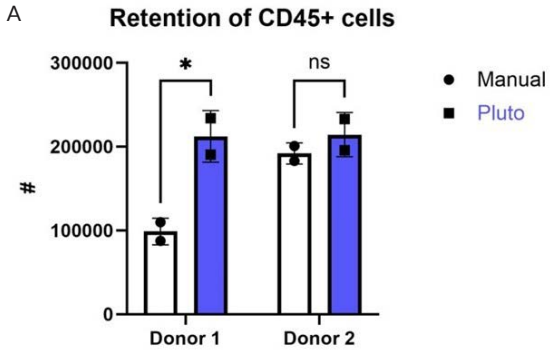


Figure A: Higher absolute number of CD45+ cells retained with Pluto compared to manual method across 2 donors.

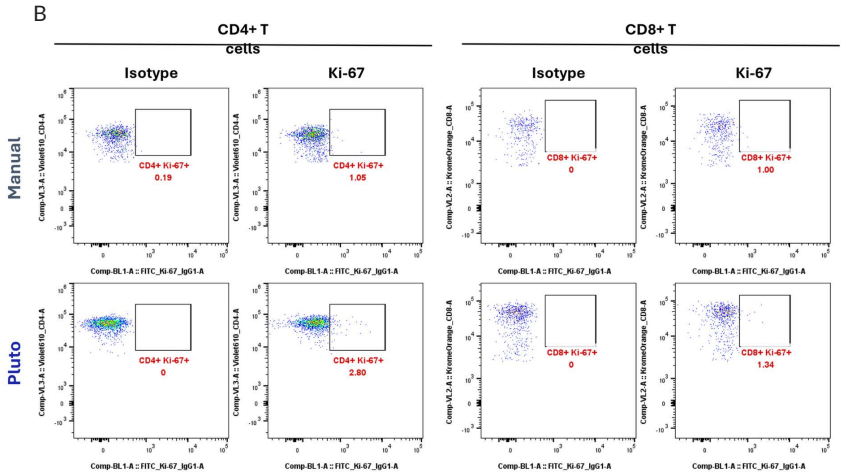


Figure B: Intranuclear Ki-67 staining on T-cells with Pluto shows low background compared to manual method.

Workflow Improvements

- Resolve manual processes like centrifugation and resuspension
- Reduce hands-on time and focus on high-value tasks
- Ensure consistent and reproducible results with pre-programmed protocols

Schedule a Demo and talk to us today. www.curiox.com/pluto-alpha

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