



# Curiox C-FREE™ Pluto Systems

## Centrifuge-Less Automation for Every Sample Prep Workflow

From simple washes to full antibody cocktailing and staining protocols, Pluto Systems eliminate spin steps across the board.

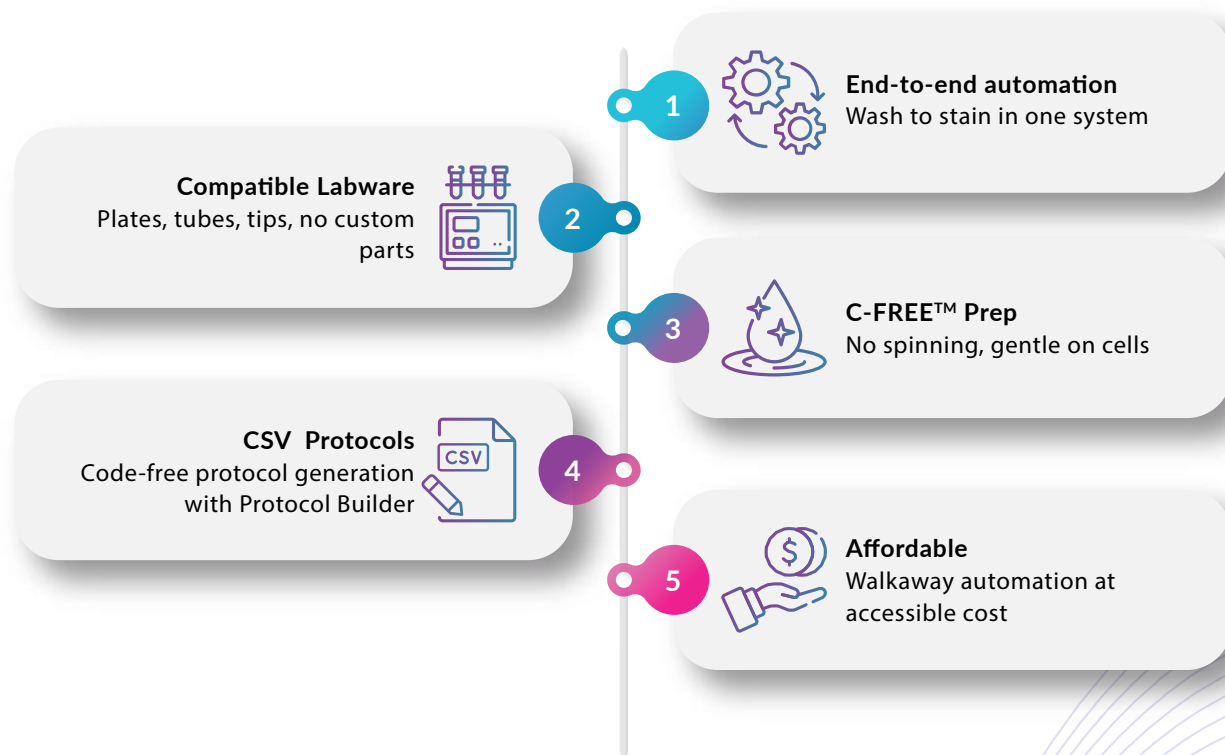


Schedule a  
demo



# A Revolution in Cell Sample Prep

The Pluto system replaces the repetitive, error-prone, and centrifuge-dependent steps of sample prep with fully automated workflows that are user-friendly, safer, and more reproducible. Enabled by our C-FREE™ technology, Pluto uses pipette-based liquid handling to gently wash, stain, and mix cells—no spinning, no aerosols, no flicking. This means fewer cells lost, better biosafety, and standardized results across users. Whether you're running a core facility or managing high-throughput studies, Pluto enables walkaway preparation that fits your lab, without needing to overhaul your protocols.



# Meet the Pluto Family

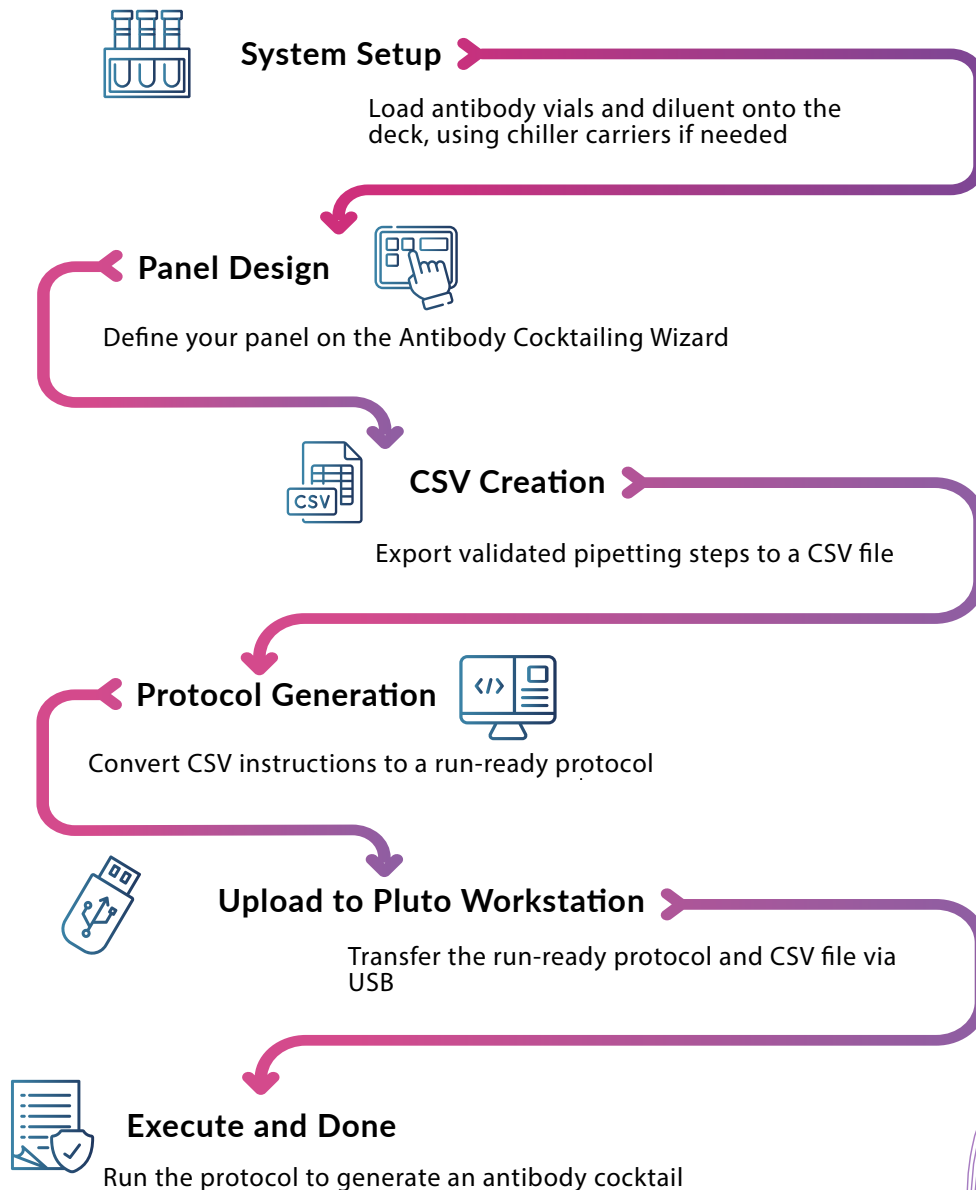
From washing-only to fully integrated prep, there's a Pluto for every lab.

System	Throughput	Features
 <p><b>Pluto ALPHA System</b> Dedicated washing system with fixed 96-channel pipette heads</p>	Low (96 wells)	Wash only
 <p><b>Pluto LT System</b> Single- and 8-channel pipette heads (8-32 wells)</p>	Low	Wash, Stain, Antibody Cocktailing
 <p><b>Pluto MT System</b> Single- and 24-channel pipette heads (24-72 wells)</p>	Mid	Same as LT, more capacity
 <p><b>Pluto HT System</b> Four varispan- and 96-channel pipette heads (up to 96 wells)</p>	High	Same as LT, 96 wells
 <p><b>Pluto Code</b> Software license for centrifuge-less wash and mix on your existing robots</p>	High	Software only

# Automated Antibody Cocktailing Solution

Say Goodbye to Tedious Pipetting and Inconsistencies

Pluto Workstation fully automates antibody cocktailing, transforming a traditionally manual, error-prone process into a streamlined workflow. The system provides an intuitive touchscreen wizard with one-touch protocols that guide the user through minimal setup steps. In just six simple steps, a technician can load reagents, define the panel, and let the workstation handle the rest – ensuring precise mixing and complete traceability.





# Trusted by Stanford, NIST, Biopharma Leaders

Validated for Reproducibility and Time Savings

Evaluations at Stanford's Human Immune Monitoring Center and internal Curiox studies confirm Pluto's ability to deliver consistent, high-quality staining across complex immunophenotyping panels.

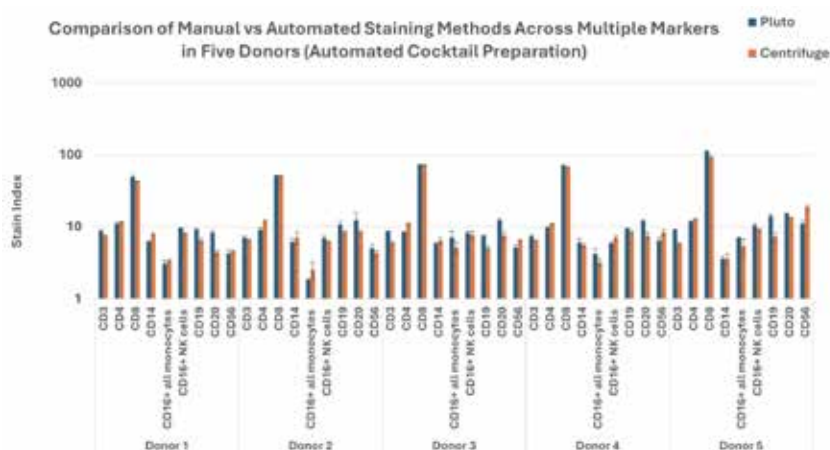


Fig 1. Stain Index Performance with C-FREE™ Pluto LT samples processing

- Consistent Staining Quality: In a 24-color panel, Pluto-prepared cocktails matched or exceeded manual prep in stain index and population separation.
- Time Savings: Pluto reduces hands-on time from ~90 minutes to just ~15 minutes, helping lean teams automate without sacrificing quality.

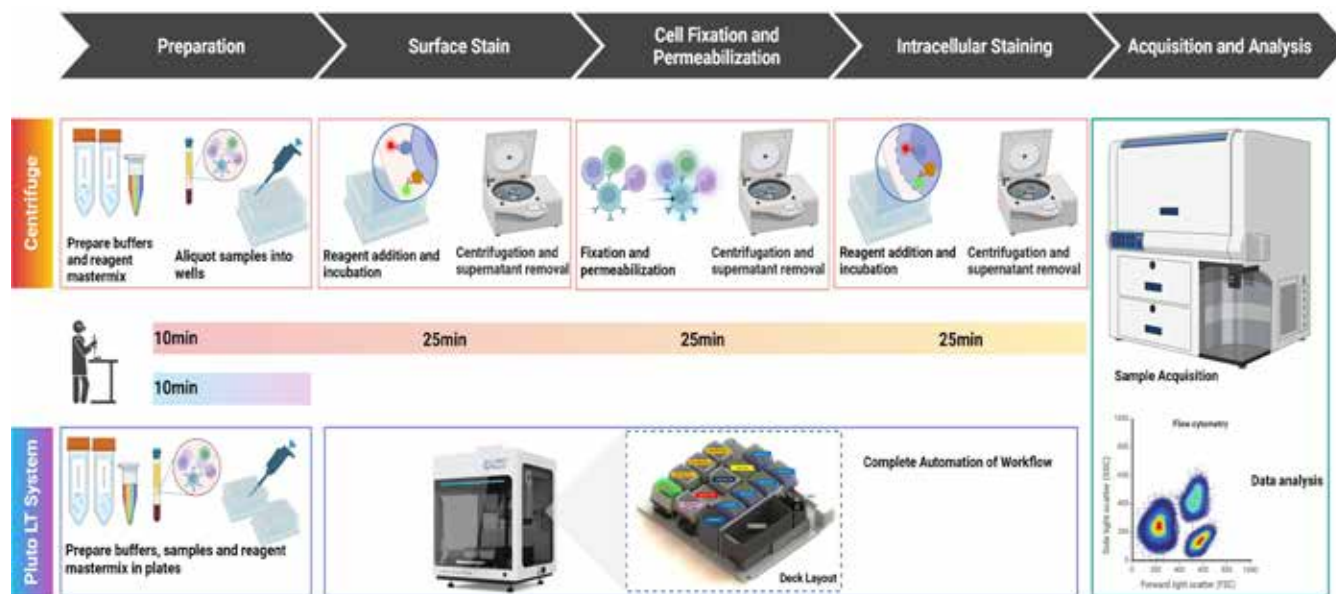


Fig 2. Time and Workflow Simplification

# Empowering Labs with Future-Ready Solutions

From immunology to cell therapy and pharmaceutical research, the Pluto systems are transforming workflows with personalized automation, robust performance, and intuitive operation. Whether you need end-to-end solutions or a dedicated washing system, the Pluto family empowers labs to achieve higher productivity and precision with less effort.

## Ready to Automate Your Sample Prep Workflow?

Contact us today to see how Curiox C-FREE™ Pluto systems can revolutionize your sample preparation workflows.

See the future of cell sample preparation automation at [www.curiox.com/pluto](http://www.curiox.com/pluto)



We replaced the standard centrifugation step with Curiox technology. Pluto can allow you to basically simulate centrifuge-less cell washing using a standard liquid handler. It's really a nice technology.

Raffaello Cimbri, PhD, AstraZeneca



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demo



The antibody master mix automation with Curiox completely changed our lab efficiency. We cut prep time by 70% and achieved unparalleled consistency.

Holden Maecker, PhD, Stanford University



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