



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.

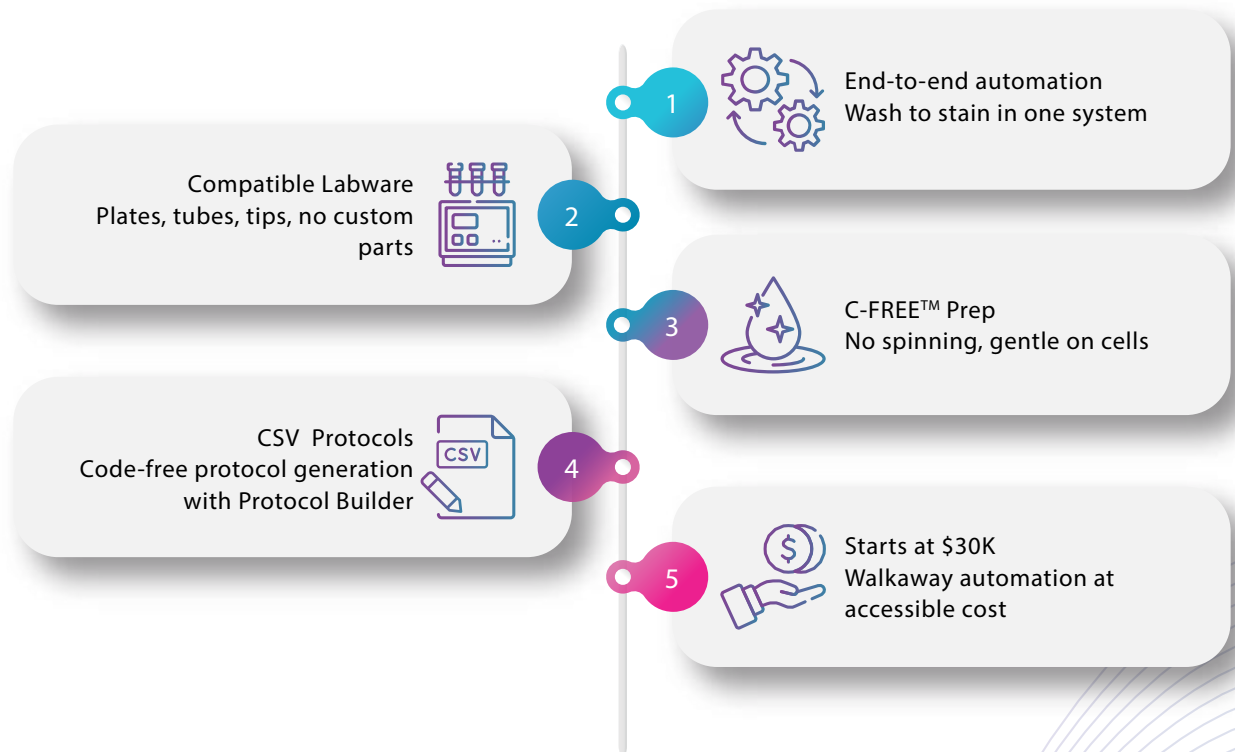


Schedule a
demo



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

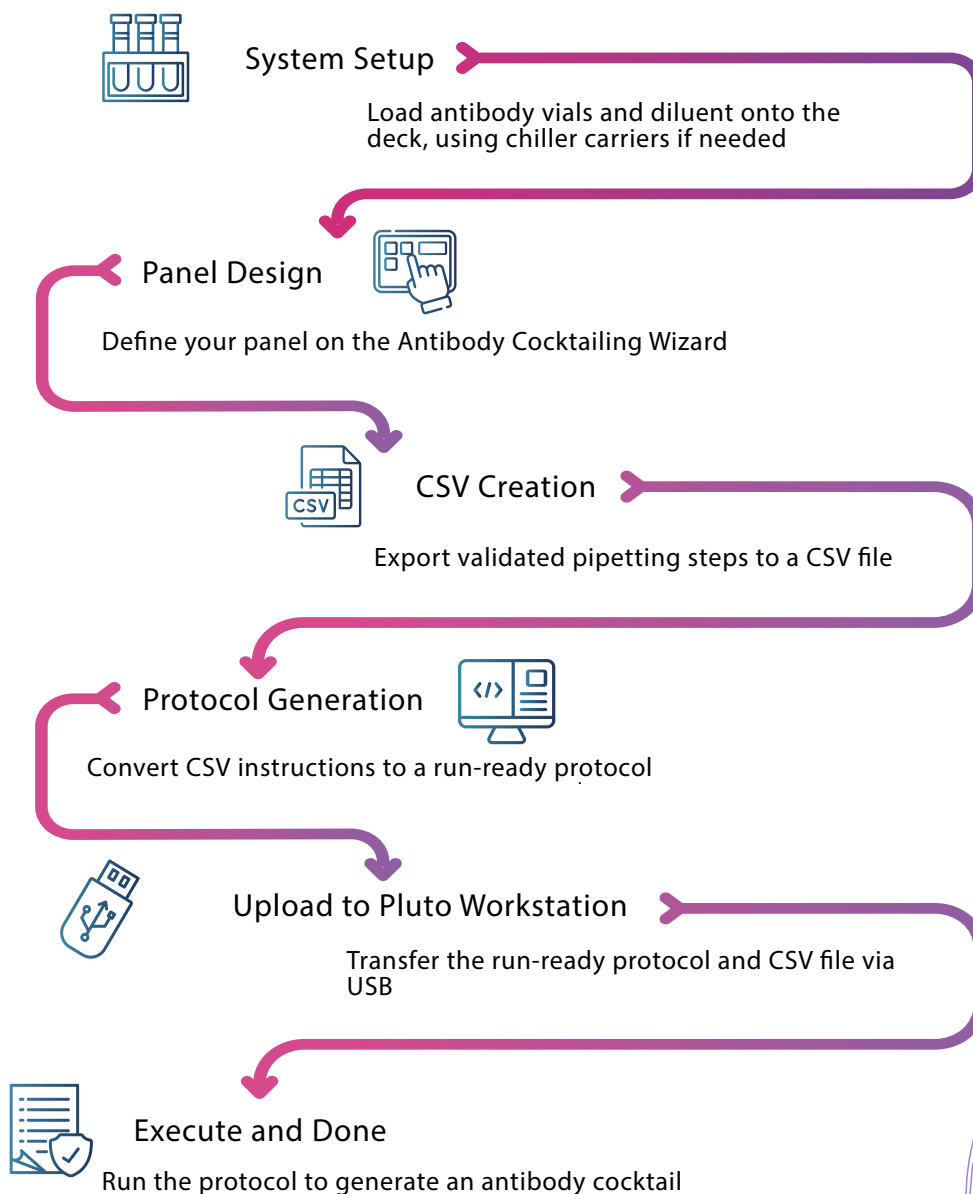
From washing-only to fully integrated prep, there's a Pluto for every lab.

System	Throughput	Features	Starting Price
 Pluto ALPHA System Dedicated washing system with fixed 96-channel pipette heads	Low (96 wells)	Wash only	< \$30K
 Pluto LT System Single- and 8-channel pipette heads (8-32 wells)	Low	Wash, Stain, Antibody Cocktailing	< \$50K
 Pluto MT System Single- and 24-channel pipette heads (24-72 wells)	Mid	Same as LT, more capacity	\$50K - \$70K
 Pluto HT System Four varispan- and 96-channel pipette heads (up to 96 wells)	High	Same as LT, 96 wells	< \$70K
 Pluto Code Software license for centrifuge-less wash and mix on your existing robots	High	Software only	Licensing Fee

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.

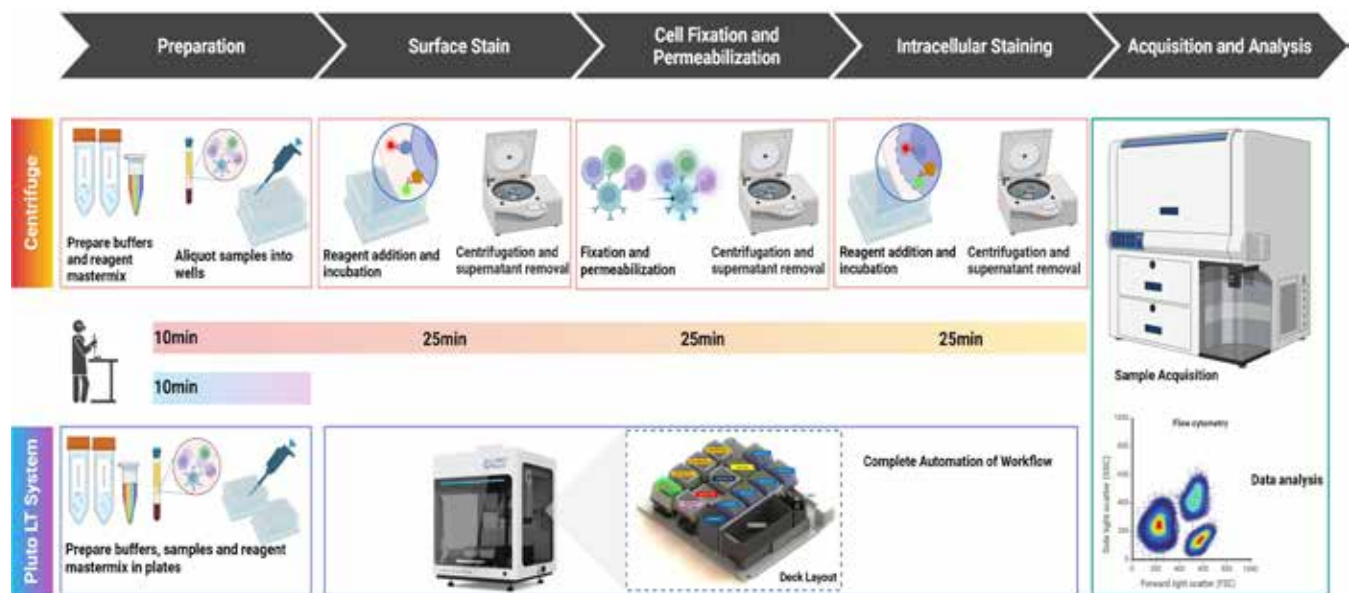


Fig 2. Time and Workflow Simplification

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



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



Schedule a 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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