

"We've integrated Slingshot cell mimics as crucial controls in several of our flow cytometry workflows. Whether in assessing cell viability or managing compensation and unmixing, these off-the-shelf controls seamlessly slot into our processes. This enhances our workflow efficiency without having to compromise on data quality and reliability."

Dr. Veronica Nash

US Regional Head of Flow Cytometry
Cerba Research

"In our search for reliable controls for cell therapy assays, partnering with Slingshot has been a game-changer. Together, we addressed significant challenges by engineering custom CD3 T-cell mimics."

Amina Kariminia, Ph.D.

Immunologist,
Analytical Development Scientist
Fred Hutch Cancer Center



110+

Patents Issued & Filed



1,500

Adopters



800K+

Experiments run



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WE HAVE THE SUBSTANCE.

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**Not Plastic.
Not a Person.
Not an Animal.
Slingshot.**

**Precision-Engineered
Synthetic Cell Mimics.**

- ✓ No Donors. No Drift.
- ✓ Fewer Bridging Studies
- ✓ Site-to-Site Harmonization
- ✓ Non-Biohazardous
- ✓ Off-the-Shelf or Fully Customizable

slingshotbio.com

Spectral Unmixing & Compensation

ViaComp®

2-in-1 cell mimics binding DNA-intercalating and amine-reactive viability dyes. Dropper format, non-biohazardous.



Variant	SKU	Tests	Price
ViaComp® Combined +/-	SSB-07-A	50	---
ViaComp® Flex Separate +/-	SSB-28-A	50	---

ViaComp® Ultra™

ViaComp Ultra is the all-in-one control for multiparameter flow cytometry panels, amine-reactive viability dyes and the five most commonly used antibody host species. Precision-engineered cell mimics designed to optimize spectral unmixing and compensation in multi-parameter flow cytometry workflows.



Product Name	SKU	Tests	Price
ViaComp® Ultra™ - Amine	SSB-35-A	25	---
ViaComp® Ultra™ - Amine	SSB-35-B	100	---

FluoroCytes™

FluoroCytes are cell mimics with integrated fluorescent proteins that provide genuine fluorescent signatures in a ready-to-use format. Includes multiple peaks (high, medium, low), plus a negative, to match the expression levels of cell samples for optimal unmixing and compensation analysis.



Product Name	SKU	Tests	Price
mCherry, tdTomato, tagBFP, sYFP2, eGFP (New version)	Coming soon	-	-

Immunophenotyping Controls

TBNC Mimic™

Designed for positive and negative detection of key T cell, B cell, NK cell markers, classical monocytes and granulocytes, TBNC Mimics are ideal for routine QC, assay validation and long-term assay performance monitoring. Their stability and reproducibility make them a dependable replacement for PBMC cell controls when establishing gate placement or performing assay optimization.



Markers	SKU	Tests	Price
CD3 · CD4 · CD8 · CD19 · CD16/56 · CD14 · CD45	SSB-31-A	1	---
	SSB-31-A-10	10	---
	SSB-31-A-25	25	---

CD34+ Stem Cell Mimic™

Designed for positive and negative detection of CD34+ stem cell populations, TruCytes™ CD34+ Stem Cell Mimic control are ideal for CD34 enumeration, viability assessment and long-term assay performance monitoring. Their stability and reproducibility make them a dependable replacement for donor-derived cells in establishing CD34 gating and supporting assay optimization.



Markers	SKU	Tests	Price
CD34 · CD45 · Viability	SSB-38-A	1	---

T Cell Memory Mimic™

Designed for positive and negative detection of naïve, central memory, effector memory, and terminal effector/exhausted T cell subsets, T Cell Memory Mimic controls are ideal for T cell enumeration, viability assessment and long-term assay performance monitoring. Their stability and reproducibility make them a dependable replacement for donor-derived T cell controls during gate placement and assay optimization.



Markers	SKU	Tests	Price
CD3 · CD4 · CD8 · CCR7 · CD45RA · CD45RO · CD95 · Viability	SSB-32-A	1	---

Instrument Setup & Harmonization

ScatterBridge®

ScatterBridge Scatter Controls are a synthetic hydrogel reference control with nine defined scatter populations designed to standardize forward and side scatter, support linearity assessments and track instrument performance over time.



Product Name	SKU	Tests	Price
ScatterBridge	SSB-34-A	25	---

NanoCytes™

Fluorescently-labeled nanoparticles that match the optical properties of real extracellular vesicles (EVs). Precision-engineered cell mimics with size and refractive index of extracellular vesicles. Convenient pre-labeled format allows for clear, reliable signal detection and easy workflow integration.



Product Name	SKU	Tests	Price
Fluorescent EV Mimic™	Coming soon	-	-