

Cyto-Chex	Transfix	CellSave	TokuKit (-80°C storage)
✔ Single tube collection	✔ Preserves cell population frequencies similar to TokuKit	✔ Single tube collection	✔ Can store for long term (15+ months)
✔ Preservation at ambient temperature up to 14 days	✘ Struggle to separate monocyte subpopulations (CD14+/- and CD16 +/-) in gating	✔ Preservation at ambient temperature up to 4 days	✔ Highly correlated with fresh, live cell staining
✘ Does not preserve B cell population frequencies on CyTOF.	✘ Failed to detect intracellular markers (e.g. T-bet)	✘ Does not preserve B cell population frequencies	✔ Preserves immune cell frequencies
✘ Increase double positive T (CD4+CD8+) that may be artifacts when stored for >7 days		✘ Reduced total event count by CyTOF	