10x GENOMICS

Expand your horizons

More samples, more cells, more insights with CellPlex.

Scale your single cell studies with the new 3' CellPlex Kit for sample multiplexing from 10x Genomics. Reduce sample costs and enable large-scale studies or characterize rare cell types and states for Single Cell Gene Expression experiments.

Product Features

- Implement single cell studies at scale by multiplexing up to 12 samples and capturing up to 30,000 cells per channel to tackle the most ambitious projects and gain deeper insights
- Increase cell and sample throughput to reduce cost per sample, and make large-scale single cell experiments more accessible
- Multiplex samples with a single set of reagents compatible with cells or nuclei and demonstrated on multiple species, including human, mouse, and rat, to amplify your discovery power for every study
- Combine sample multiplexing with Targeted Gene Expression to enable larger studies: maximize cell and sample throughput and get the most out of every sequencing run
- Rely on validated reagents, fully supported protocols, and integrated data analysis pipelines that perform sample demultiplexing to easily implement robust multiplexing workflows with confidence

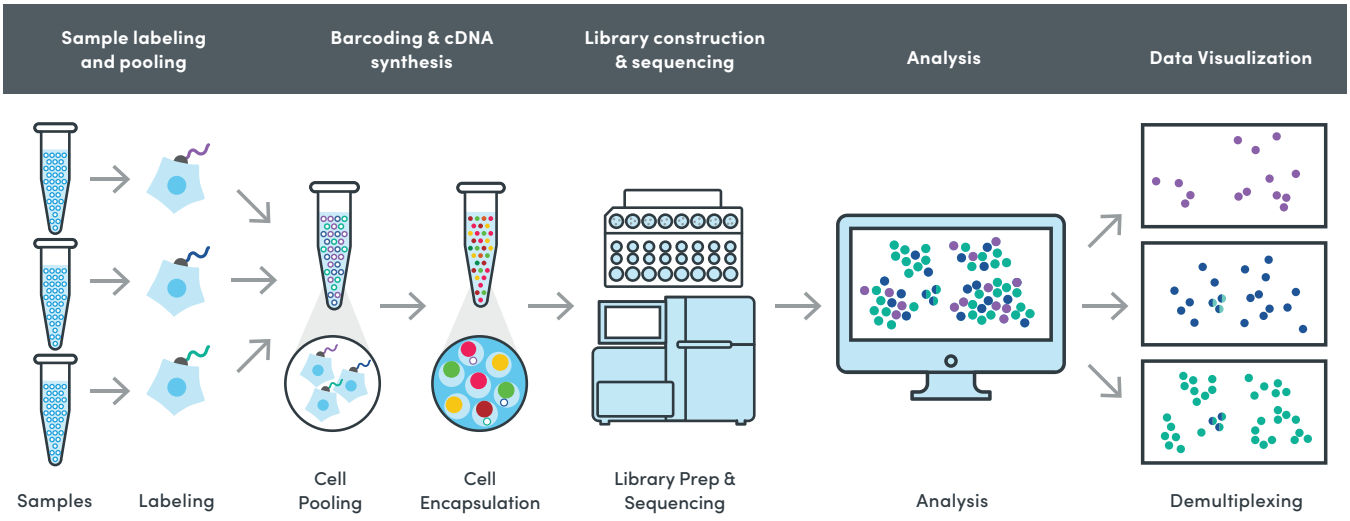

Figure 1. Sample Multiplexing Workflow for Single Cell Gene Expression. Each sample, consisting of a single cell or nuclei suspension, is labeled with a unique CellPlex sample tag. Tagged samples are pooled before loading into the Chromium Controller, where cells are encapsulated and unique cell barcodes added. Next, tagged and barcoded libraries are constructed and sequenced. Finally, data analysis, sample demultiplexing, and data visualization are performed using 10x Genomics Cell Ranger and Loupe Browser software.

SAM000302 Rev A CellPlex Product Flyer

pages.10xgenomics.com/cellplex