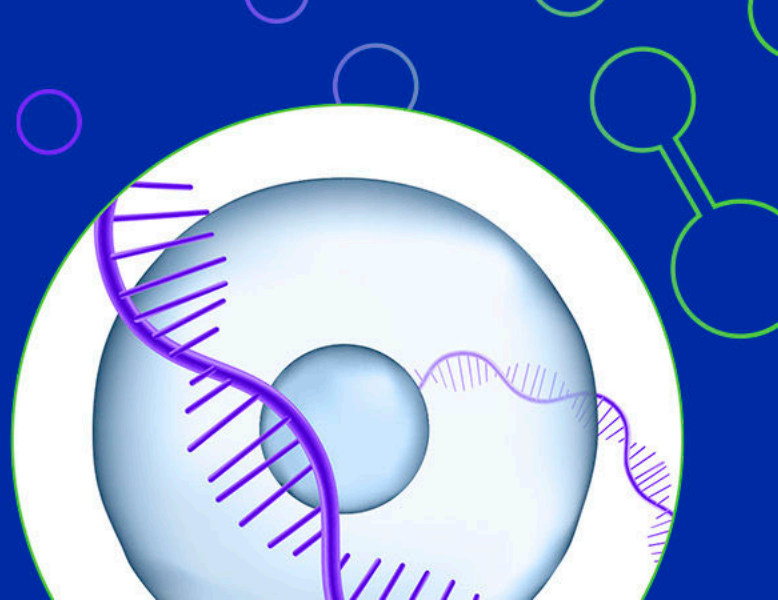


Single Cell RNA Sequencing Kit

Single Cell Gene Expression for All



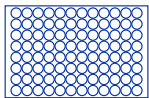
Our Single Cell RNA Sequencing Kit unlocks your single-cell gene expression research. By enabling unprecedented sample multiplexing, cell throughput, and transcriptomic profiling of cells, you can achieve an output of up to 500,000 cells per run with a more flexible and accessible workflow than currently available methods.

Empowering Research through Single Cell

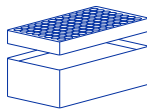
At ScaleBio, we want to enable researchers to discover more. Currently many single-cell projects demand higher throughput, but are held back by cumbersome workflow methods and limited flexibility in throughput. Our Single Cell RNA Sequencing Kit empowers you to maximize both your throughput and your flexibility.



Sample fixation



2-day, plate-based workflow



Smart Plastics



Full bioinformatics pipeline

Highlights

Streamlined Workflow

Instrument-free platform to fit in any lab setting

Maximum Scalability

Expand output up to 500,000 cells with our Extended Throughput Kit

Flexible Sample Multiplexing

Designed with the ability to process up to 96 samples per run

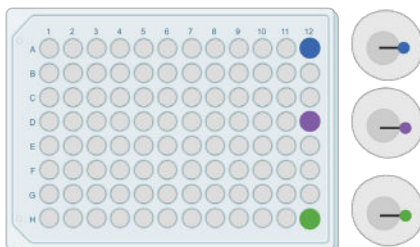
Superior Data Quality

Get the most out of your data with our demonstrated low multiplet rate of <5%.

Hundreds of thousands of cells. One single experiment.

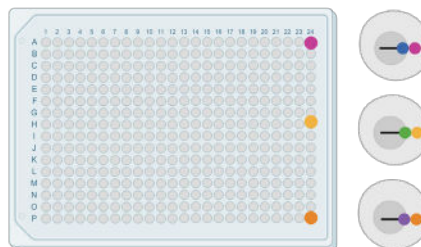
Combinatorial indexing, the powerful technology behind ScaleBio products, leverages the cell as the reaction compartment. Three simple, instrument-free indexing steps generate more than 3.5 million cell barcodes. Gain the freedom to conduct single-cell experiments on your terms, without sacrificing flexibility or data quality.

Level 1: RT 96 barcodes



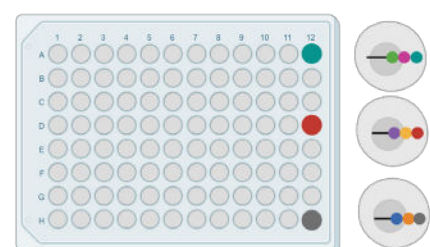
Cell barcodes: 96

Level 2: Ligation 384 barcodes



Cell barcodes: 36K

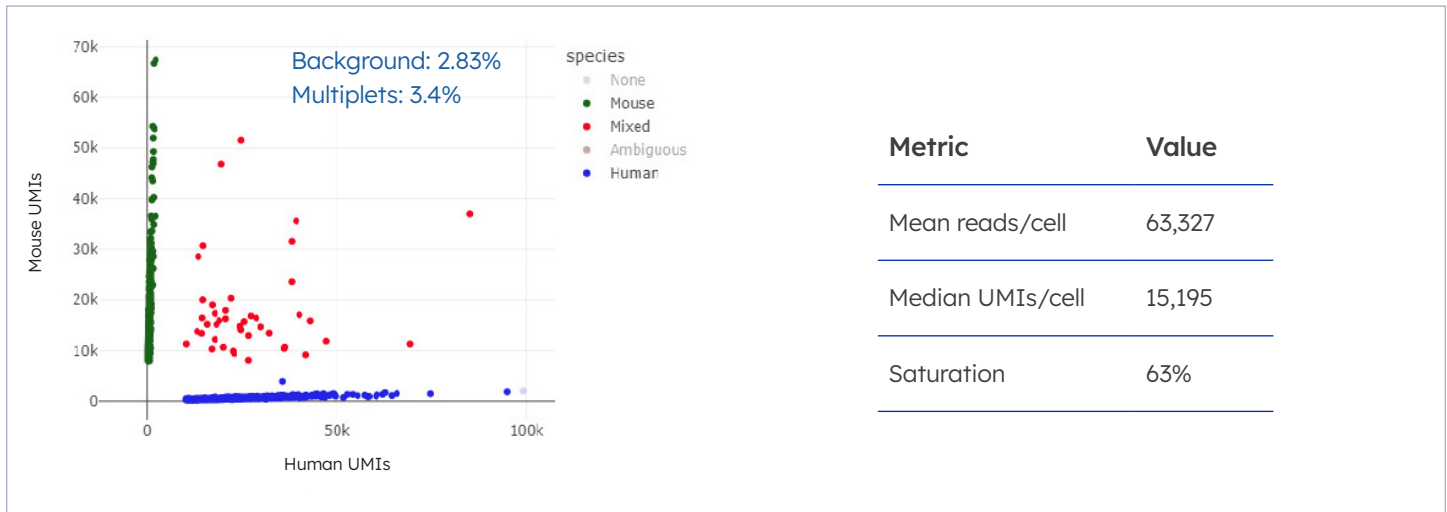
Level 3: Tagmentation & Indexing 96 barcodes



Cell barcodes: >3.5M

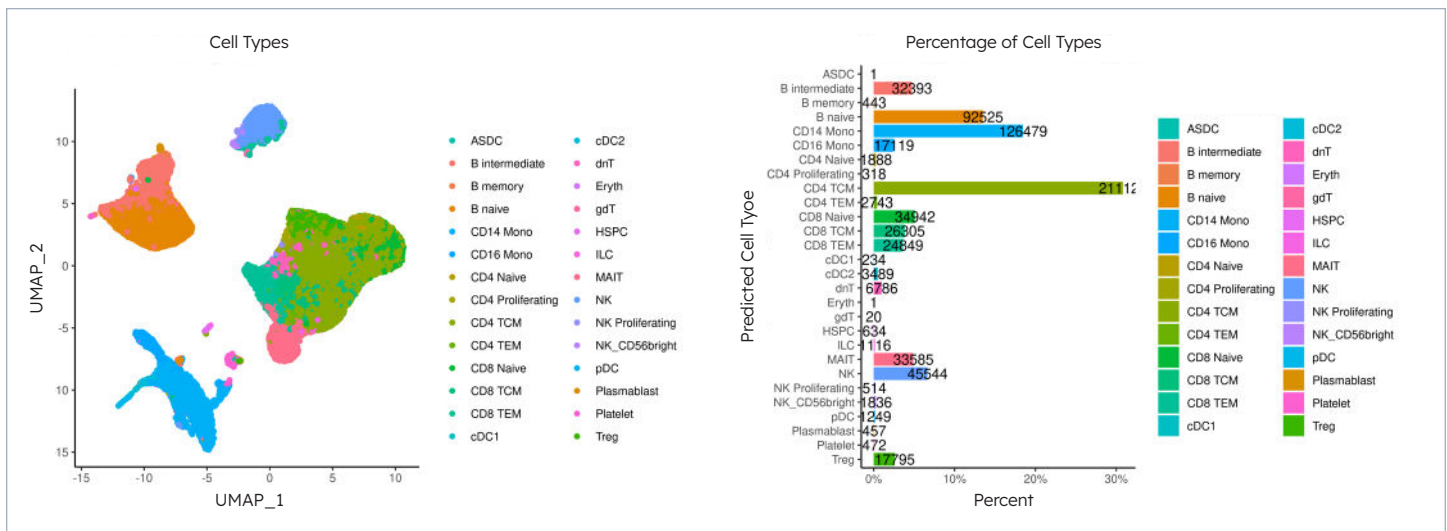
Low effective doublet rates

Metrics from a data set of human K562 cells mixed with mouse 3T3 cells. Eight wells were sequenced using a NextSeq™ 2000 (Illumina) and demonstrated a multiplet rate of 3.4%.



Key cell types and proportions represented in PBMCs

This data set represents >680,000 PBMC cells sequenced on a NovaSeq™ 6000 instrument (Illumina). We observed 7,344 mean passing reads per cell, 3,247 median UMIs per cell, and 1,862 median genes per cell in this data set.



SCALE your projects and expand your research

- Flexible sample multiplexing
- Scalable cell throughput
- Highly sensitive chemistry
- No instrument required

Product Code	Product Description
2020001	ScaleBio Sample Fixation Kit
950884	ScaleBio Single Cell RNA Sequencing Kit v1.1
936360	ScaleBio Single Cell RNA Extended Throughput Kit v1.1

Learn more about our Single Cell RNA Sequencing Kit at: scale.bio/single-cell-rna-sequencing-kit/



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Single Cell RNA Sequencing Kit Product Flyer_RevB_13Nov23