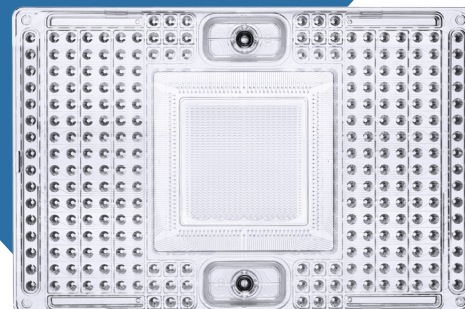


# Single-Cell mRNA Seq HT

Scale your single-cell research to reveal critical cell populations



The Fluidigm Single-Cell mRNA Seq HT IFC on the C1™ system empowers researchers to deeply explore the diversity of cell populations at single-cell resolution, identify rare and novel cell types and discover what makes each cell unique.

Designed for the industry-proven C1 system, the new medium-cell (10–17  $\mu\text{m}$ ) high-throughput (HT) IFC automatically captures and processes up to 800 single cells per run. Combined with the updated C1 Single-Cell mRNA Seq HT Reagent Kit, the new IFC (integrated fluidic circuit) uses 3' end counting chemistry to provide industry-leading sensitivity and powerful control over experimental cost and data quality. Use the new HT IFC to detect cells present at low abundance across a wide range of cell types, including cancer and stem cells. And with the unique ability to directly image cells on-IFC, you can directly correlate each cell's phenotype with its transcriptional profile to increase the pace of discovery and improve data quality.

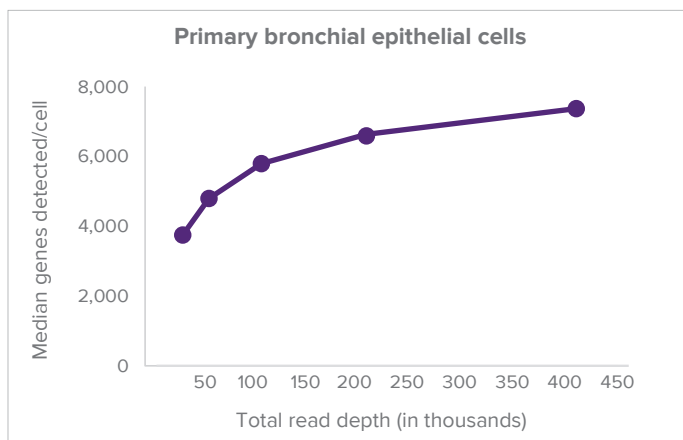
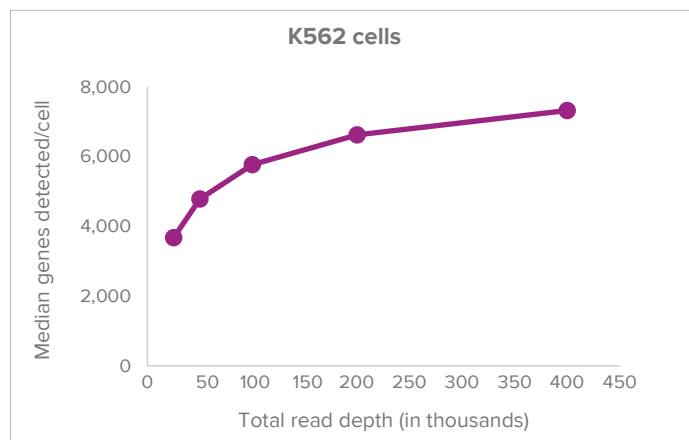
## Highlights

**Sensitive** — Detect thousands of genes per cell.

**Flexible** — Control experimental cost and data quality by modulating sequencing depth.

**Efficient** — Load up to two samples per IFC.

**Powerful** — Image cells on-IFC to directly correlate phenotype with expression profile and improve data quality.



The new C1 HT IFC combined with the updated C1 Single-Cell mRNA Seq HT Reagent Kit provide excellent sensitivity at low read depth for both cultured cells (left) and primary cells (right).

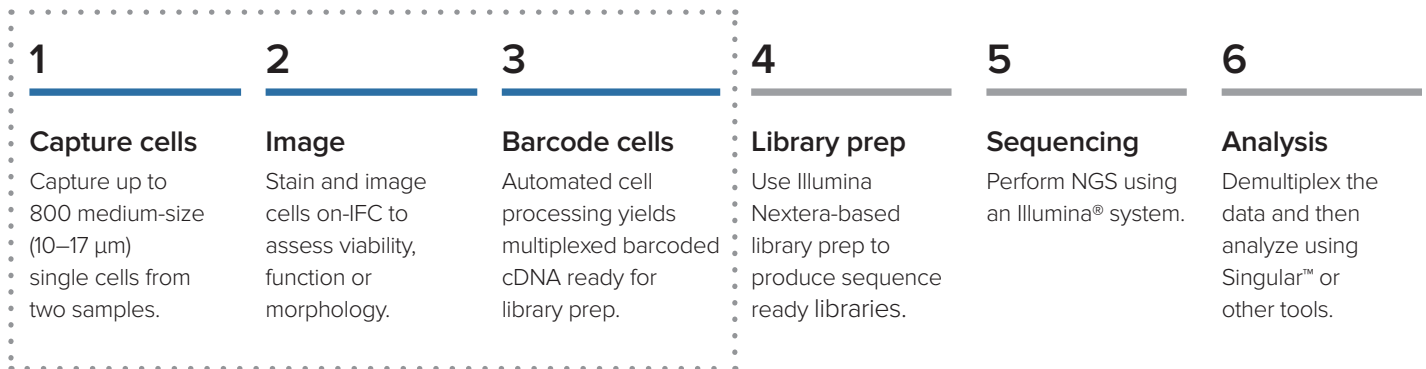
## Now more affordable than ever before

To improve accessibility to this exciting technology and enable larger single-cell studies, Fluidigm has reduced pricing on HT products by as much as 50%. The new pricing enables customers to prepare single cells using the HT IFC for \$2/cell (sequencing not included).

Product	Part Number	Old Price	Discount	New Price
C1 Single-Cell mRNA Seq HT IFC, 10-17 $\mu$ m	101-4981	\$1,500	50%	\$750
C1 Single-Cell mRNA Seq HT IFC, 10-17 $\mu$ m—5 IFCs	101-4982	\$7,500	51%	\$3,656
C1 Single-Cell mRNA Seq HT Reagent Kit v2	101-3473	\$3,795	20%	\$3,035

## HT IFC workflow

On C1



## C1 is the gold standard for single-cell research

The new medium-cell HT IFC is optimized to run on the industry-proven C1 system. C1 automates cell capture, staining, cell lysis and chemistry to deliver performance you can trust with limited hands-on time. With the largest application menu of any automated single-cell system on the market, C1 allows you to seamlessly transition from identifying critical cell populations on HT to deeply characterizing those cells using full-length mRNA sequencing, DNA sequencing, epigenetic analysis, micro-RNA expression profiling and more.

Learn more at

[fluidigm.com/c1ht](http://fluidigm.com/c1ht)



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