C1 Single-Cell mRNA Seq HT Reagent Kit v2

Kit Part Number: 101-3473

Purpose

This kit provides the necessary materials to enable sample preparation for mRNA sequencing with high-throughput integrated fluidic circuits (HT IFCs) on the C1™ system.

Contents

When ordering the modules from Fluidigm, use the kit part number: 101-3473.

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Component</th>
<th>Cap Color</th>
<th>Unit Quantity</th>
<th>Volume/Unit</th>
<th>Uses/Unit</th>
<th>Storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-3474</td>
<td>C1 Single-Cell mRNA Seq HT Reagent Kit v2, Module 1</td>
<td></td>
<td>5 tubes</td>
<td>50.0 µL</td>
<td>1 IFC</td>
<td></td>
</tr>
<tr>
<td>101-0165</td>
<td>10X Blocking Reagent</td>
<td>⬤</td>
<td>5 tubes</td>
<td>50.0 µL</td>
<td>1 IFC</td>
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<tr>
<td>100-8506</td>
<td>Cell Rinsing Reagent</td>
<td></td>
<td>7 tubes</td>
<td>1.6 mL</td>
<td>1 IFC</td>
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<tr>
<td>101-0552</td>
<td>Stability Solution</td>
<td>⬤</td>
<td>1 tube</td>
<td>1.0 mL</td>
<td>5 IFCs</td>
<td>4 °C</td>
</tr>
<tr>
<td>100-5315</td>
<td>Suspension Reagent</td>
<td>⬤</td>
<td>5 tubes</td>
<td>50.0 µL</td>
<td>1 IFC</td>
<td></td>
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<tr>
<td>101-2132</td>
<td>Valve Fluid V2</td>
<td>⬤</td>
<td>3 tubes</td>
<td>1.5 mL</td>
<td>1 IFC</td>
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<td>101-3334</td>
<td>Actuation Fluid V2</td>
<td>⬤</td>
<td>2 tubes</td>
<td>1.5 mL</td>
<td>1 IFC</td>
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<td>101-0060</td>
<td>C1 Single-Cell mRNA Seq HT Reagent Kit, Module 2</td>
<td></td>
<td>5 bottles</td>
<td>3.7 mL</td>
<td>1 IFC</td>
<td>–20 °C</td>
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<tr>
<td>100-6248</td>
<td>C1 Harvest Reagent</td>
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<td>5 bottles</td>
<td>3.7 mL</td>
<td>1 IFC</td>
<td>–20 °C</td>
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<td>100-5361</td>
<td>DNA Dilution Reagent</td>
<td>⬤</td>
<td>1 tube</td>
<td>1.0 mL</td>
<td>5 IFCs</td>
<td>–20 °C</td>
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<tr>
<td>101-0058</td>
<td>Enrichment Primer</td>
<td>⬤</td>
<td>2 tubes</td>
<td>130.0 µL</td>
<td>5 IFCs</td>
<td>–20 °C</td>
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<td>100-5312</td>
<td>Loading Reagent</td>
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<td>5 tubes</td>
<td>25.0 µL</td>
<td>1 IFC</td>
<td>–20 °C</td>
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<td>101-0054</td>
<td>Preamp Primer</td>
<td>⬤</td>
<td>1 tube</td>
<td>15.0 µL</td>
<td>5 IFCs</td>
<td>–20 °C</td>
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<td>101-1125</td>
<td>Preloading Reagent</td>
<td>⬤</td>
<td>6 tubes</td>
<td>750.0 µL</td>
<td>1 IFC</td>
<td>–20 °C</td>
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<td>101-0061</td>
<td>C1 Single-Cell mRNA Seq HT Reagent Kit, Module 3</td>
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<td>5 plates</td>
<td>40 barcodes</td>
<td>Single use only</td>
<td>–20 °C</td>
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<td>101-0164</td>
<td>Cell Barcode Plate</td>
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<td>5 plates</td>
<td>40 barcodes</td>
<td>Single use only</td>
<td>–20 °C</td>
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<td>100-0056</td>
<td>Reverse Transcription Primer</td>
<td>⬤</td>
<td>1 tube</td>
<td>20.0 µL</td>
<td>5 IFCs</td>
<td>–80 °C</td>
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</tbody>
</table>
Handling

Before using reagents, refer to the Generate cDNA Libraries with the C1 Single-Cell mRNA Seq HT IFC and Reagent Kit v2 Protocol (PN 101-4964).

Safety

Use standard laboratory safety protocols. Read and understand the safety data sheets (SDSs) before handling chemicals. To obtain SDSs, go to fluidigm.com/sds and search for the SDS using either the product name or the part number.