Agilent microRNA Spike-In Kit

Product Information

Agilent Product Number for Ordering: 5190-1934

Product is sufficient for 384 Spike-In reactions (48 slides).

The Agilent microRNA Spike-In Kit is for use with the Agilent miRNA Microarray System. Agilent microRNA Spike-In Kit provides a means for in-process control to measure labeling and hybridization efficiency when using Agilent’s miRNA microarray assay.

For complete instructions on the use of the Spike-In, refer to the Agilent miRNA Microarray System Protocol version 1.7 or Agilent miRNA Microarray System with miNRA Complete Labeling and Hyb Kit Protocol version 2.2, available at www.agilent.com/chem/dnamanuals-protocols

Storage

Store this kit at -80°C.

Components

This kit contains the three components described in Table 1.

Table 1 microRNA Spike-In Kit

<table>
<thead>
<tr>
<th>Component</th>
<th>Part Number</th>
<th>Amount</th>
<th>Units Included in Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dilution Buffer</td>
<td>5190-2301</td>
<td>1.6 mL</td>
<td>2</td>
</tr>
<tr>
<td>Labeling Spike-In</td>
<td>5190-2302</td>
<td>10 µL</td>
<td>1</td>
</tr>
<tr>
<td>Hyb Spike-In</td>
<td>5190-2303</td>
<td>10 µL</td>
<td>1</td>
</tr>
</tbody>
</table>

Kit Handling and Storage Special Instructions

1. Thaw all components.
2. Briefly spin tubes.
Label 5 tubes “1st Dilution Labeling Spike-In”. Label another 5 tubes “1st Dilution Hyb Spike-In”.

Add 198 µL of the Dilution Buffer to each of the 10 tubes.

Add 2 µL of the Labeling Spike-In solution to each of the 5 “1st Dilution Labeling Spike-In” tubes.

Add 2 µL of the Hyb Spike-In solution to each of the 5 “1st Dilution Hyb Spike-In” tubes.

Mix well and briefly spin tubes.

(Optional) To prevent excess freeze/thaw cycles, store aliquots of spike-in solution in tubes that are appropriately labeled as “1st Dilution Labeling Spike-In” and “1st Dilution Hyb Spike-In”. Store at -80°C.

Use only one aliquot of the “1st Dilution Labeling Spike-In” and “1st Dilution Hyb Spike-In” at a time. Store the other aliquots at -80°C.

Do not freeze/thaw the 1st Dilution Spike-In solutions more than twice.

NOTE

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