**Description**

The SMRTbell® gDNA Sample Amplification Kit is designed to amplify sample starting from ~5-20 ng of gDNA to a sufficient quantity for template preparation procedures using the SMRTbell® Express Template Prep Kit 2.0. The kit contains sufficient reagents to prepare 18 samples.

Kit components include:

<table>
<thead>
<tr>
<th>Subcomponent</th>
<th>Part Number</th>
<th>Number</th>
<th>Color</th>
<th>Quantity (µl)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCR Master Mix 1</td>
<td>101-869-400</td>
<td>1 tube</td>
<td>Green</td>
<td>900 µl</td>
</tr>
<tr>
<td>PCR Master Mix 2</td>
<td>101-869-500</td>
<td>1 tube</td>
<td>Light Green</td>
<td>900 µl</td>
</tr>
<tr>
<td>Sample Amplification PCR Primer</td>
<td>101-869-600</td>
<td>1 tube</td>
<td>Red</td>
<td>75 µl</td>
</tr>
<tr>
<td>Duplex Buffer</td>
<td>101-980-400</td>
<td>1 tube</td>
<td>Light Purple</td>
<td>180 µl</td>
</tr>
<tr>
<td>Amplification Adapter</td>
<td>101-980-500</td>
<td>1 tube</td>
<td>Purple</td>
<td>18 µl</td>
</tr>
</tbody>
</table>

**Part Number**

100-980-000

**Quantity**

18 reactions

**Intended Use**

For Research Use Only. Not for use in diagnostic procedures.

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**Storage and Handling Requirements**

Product should be stored frozen between -15 to -25 °C.

Refer to Sample Preparation and Sequencing Guide for additional recommendations for reagent handling.

**Shelf Life**

Refer to expiration date on kit label.

**Support**

For additional product and technical information, such as Safety Data Sheets (SDS) or procedures, please visit our website at [http://www.pacb.com/support/documentation/](http://www.pacb.com/support/documentation/)

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