Description

The Sequel® Binding Kit 3.0 contains reagent supplies to bind prepared DNA template libraries to the Sequel Polymerase 3.0 in preparation for sequencing on the Sequel System. The result is a DNA polymerase/template complex. Sequel Polymerase 3.0 should be used only with Sequel Sequencing Kit 3.0. Reagent quantities support approximately 24 binding reactions, and up to 70 SMRT® Cell runs depend on sample size and concentration.

Kit components include:

<table>
<thead>
<tr>
<th>Subcomponent Name</th>
<th>Part Number</th>
<th>Number</th>
<th>Color</th>
<th>Fill Volume (µl)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sequel® DNA Polymerase 3.0</td>
<td>101-614-000</td>
<td>1</td>
<td>Purple</td>
<td>40 µl</td>
</tr>
<tr>
<td>Sequel® Binding Buffer</td>
<td>100-623-400</td>
<td>1</td>
<td>Yellow</td>
<td>1500 µl</td>
</tr>
<tr>
<td>Sequel® dNTP</td>
<td>100-623-700</td>
<td>1</td>
<td>Green</td>
<td>200 µl</td>
</tr>
<tr>
<td>DTT</td>
<td>001-388-706</td>
<td>2</td>
<td>Red</td>
<td>450 µl</td>
</tr>
<tr>
<td>Sequel® Additive</td>
<td>101-623-500</td>
<td>1</td>
<td>White</td>
<td>700 µl</td>
</tr>
<tr>
<td>Sequel® Complex Dilution Buffer</td>
<td>101-623-600</td>
<td>3</td>
<td>Blue</td>
<td>1600 µl</td>
</tr>
</tbody>
</table>

Part Number

101-500-400

Quantities

24 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/.

Legal

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