

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:

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

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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