

**Description**

The Sequel® II Binding Kit 2.1 contains reagent supplies to bind prepared DNA template libraries to the Sequel® II Polymerase 2.1 in preparation for sequencing on the Sequel II System. Sequel II Binding Kit 2.1 is to be used for samples with inserts <3 kb such as amplicons. The result is a DNA polymerase / template complex. Sequel II Polymerase 2.1 should be used only with Sequel II Sequencing Kit 2.0. Reagent quantities support approximately 24 binding reactions, and up to 70 SMRT® Cell 8M runs depending on use case, sample size and concentration.

Kit components include:

Subcomponent Name	Part Number	Number	Color	Fill Volume (µl)
Sequel® II DNA Polymerase 2.1	101-820-600	1	Purple	40 µl
Sequel® Binding Buffer	101-623-400	2	Yellow	1500 µl
Sequel® dNTP	101-623-700	1	Green	200 µl
DTT	001-388-706	3	Red	450 µl
Sequel® Additive	101-623-500	1	White	700 µl
Sequel® Complex Dilution Buffer	101-623-600	7	Blue	1600 µl

**Part Number**

101-820-500

**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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