

Description

The Sequel™ Sequencing Kit 2.0 (8 rxn) contains a sequencing reagent plate with Sequel Sequencing chemistry 2.0 and a tube of Sequel Oxygen Scavenging (OS) Enzyme for SMRT® Sequencing on the Sequel System. Reagent quantities support 8 sequencing reactions to be used with a Sequel SMRT Cell 1M v2. Sequel Sequencing Kit 2.0 is only compatible with templates bound to Sequel™ DNA Polymerase 2.0.

Kit components include:

Subcomponent Name	Part Number	Number	Color	Quantity (rxns or µl)
Sequel™ Sequencing Plate 2.0	100-861-800	1 plate	N/A	8 rxns
Sequel™ OS Enzyme	100-619-700	1 tube	White	120 µl

Part Number

101-011-000

Quantities

8 reactions

Intended Use

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

Certain notices, terms, conditions and/or use restrictions may pertain to your use of Pacific Biosciences® products and/or third party products. Please refer to the applicable Pacific Biosciences Terms and Conditions of Sale and to the applicable license terms at <http://www.pacb.com/licenses.html>

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

© Copyright 2010-2017, Pacific Biosciences of California, Inc. All rights reserved.

Information in this document is subject to change without notice. Pacific Biosciences assumes no responsibility for any errors or omissions in this document.

PACIFIC BIOSCIENCES DISCLAIMS ALL WARRANTIES WITH RESPECT TO THIS DOCUMENT, EXPRESS, STATUTORY, IMPLIED OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTIES OF MERCHANTABILITY, SATISFACTORY QUALITY, NONINFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL PACIFIC BIOSCIENCES BE LIABLE, WHETHER IN CONTRACT, TORT, WARRANTY, PURSUANT TO ANY STATUTE, OR ON ANY OTHER BASIS FOR SPECIAL, CONSEQUENTIAL, INCIDENTAL, EXEMPLARY OR INDIRECT DAMAGES IN CONNECTION WITH (OR ARISING FROM) THIS DOCUMENT, WHETHER OR NOT FORESEEABLE AND WHETHER OR NOT PACIFIC BIOSCIENCES IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Trademarks:

Pacific Biosciences, the Pacific Biosciences logo, PacBio, SMRT, SMRTbell, Iso-Seq, and Sequel are trademarks of Pacific Biosciences in the United States and/or certain other countries.

All other trademarks are the sole property of their respective owners.

This product or portions thereof is manufactured and sold under license from GE Healthcare under patents US 7,056,670, US 7,052,839, US 7,033,762, US 7,041,812, US 7,223,541, US 7,244,566, US 7,560,254, US 7,393,640, and US 7,264,934 and other pending and foreign patent applications.

This product or portions thereof are manufactured on behalf of GE Healthcare Bio-Sciences Corp. under an exclusive license from Carnegie Mellon University and are covered by US Patent Numbers 6,008,373, 6,130,094, 6,479,303, 6,545,164, 6,673,943 and other patents pending.

ADDITIONAL END USER TERMS AND CONDITIONS IMPOSED BY GE HEALTHCARE

Acceptance. These additional terms and conditions shall govern the purchase, use, transfer and acceptance of this product, which is sold and distributed by Pacific Biosciences of California, Inc. to the buyer/transferee of such product (the "End User"). The transfer/sale of this product to the End User is expressly conditional upon End User's acceptance of these terms and conditions.

Restrictions on Use. End Users are specifically not authorized to and are forbidden from reselling, transferring or distributing this product either as a stand-alone product or as a component of another product. The right to use this product does not, in and of itself, include or carry any right of the End User to any GE Healthcare Bio-Sciences Corp.'s technology or intellectual property other than expressly provided herein. End Users may not use sequence(s) in an attempt to reverse engineer parameters of any of GE Healthcare Bio-Sciences Corp. proprietary products or services.

DISCLAIMER OF WARRANTIES. GE HEALTHCARE BIO-SCIENCES CORP. PROVIDES NO WARRANTIES TO END USER (STATUTORY OR IMPLIED), INCLUDING WITHOUT LIMITATION, AS TO PRODUCT QUALITY, CONDITION, DESCRIPTION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND ALL SUCH WARRANTIES ARE HEREBY EXPRESSLY DISCLAIMED. GE HEALTHCARE BIO-SCIENCES CORP. HEREBY EXPRESSLY DISCLAIMS ANY WARRANTY REGARDING RESULTS OBTAINED THROUGH THE USE OF THE PRODUCTS, INCLUDING WITHOUT LIMITATION ANY CLAIM OF INACCURATE, INVALID OR INCOMPLETE RESULTS.

Exclusion of Liability. GE Healthcare Bio-Sciences Corp. and its affiliates shall have no liability to an End User, including, without limitation, for any loss of use or profits, business interruption or any consequential, incidental, special or other indirect damages of any kind, regardless of how caused and regardless of an action in contract, tort, strict product liability or otherwise.

ADDITIONAL RESTRICTIVE LEGENDS IMPOSED BY GE HEALTHCARE AND CMU

(PLEASE NOTE: Notwithstanding anything to the contrary below, this Product is labeled and intended by Pacific Biosciences FOR RESEARCH USE ONLY and NOT FOR USE IN DIAGNOSTIC PROCEDURES.)

FOR RESEARCH (NOT TO INCLUDE IN VIVO RESEARCH) OR IN VITRO DIAGNOSTIC APPLICATIONS ONLY. THE ONLY PERMITTED COMMERCIAL USE IS PROVISION OF RESEARCH (NOT TO INCLUDE IN VIVO RESEARCH) OR IN VITRO DIAGNOSTIC SERVICES. NOT FOR THERAPEUTIC OR IN VIVO APPLICATIONS. OTHER USE NEEDS LICENSES WHICH ARE AVAILABLE FROM GE HEALTHCARE BIO-SCIENCES CORP. UNDER U.S. PATENT Nos. 6,008,373, 6,130,094, 6,479,303, 6,545,164, 6,673,943.

THIS PRODUCT IS SUBJECT TO PROPRIETARY RIGHTS OF GE HEALTHCARE BIO-SCIENCES CORP. ("GE HEALTHCARE") AND CARNEGIE MELLON

UNIVERSITY ("CMU") AND MADE AND SOLD UNDER LICENSE FROM GE HEALTHCARE. THE PRODUCT BEARING THIS LABEL IS LICENSED FOR SALE ONLY FOR RESEARCH (NOT TO INCLUDE IN VIVO RESEARCH) OR IN VITRO DIAGNOSTIC APPLICATIONS AND IN ADDITION MAY BE USED TO PERFORM RESEARCH (NOT TO INCLUDE IN VIVO RESEARCH) OR IN VITRO DIAGNOSTIC SERVICES FOR THIRD PARTIES. IT IS NOT LICENSED NOR ARE THERE ANY IMPLIED LICENSES FOR ANY OTHER USE INCLUDING, WITHOUT LIMITATION, OTHER COMMERCIAL USES UNLESS EXPRESSLY AUTHORIZED BY GE HEALTHCARE IN WRITING. IF YOU INTEND TO USE THIS PRODUCT COMMERCIALY AND YOU DO NOT HAVE A LICENSE TO USE THIS PRODUCT FOR THE INTENDED COMMERCIAL PURPOSE, RETURN THIS PRODUCT, UNOPENED TO THE VENDOR AND ANY MONEY PAID FOR THE PRODUCT WILL BE REFUNDED.

GE HEALTHCARE AND/OR CMU MAKES NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, AS TO ANY MATTER INCLUDING, BUT NOT LIMITED TO, WARRANTY OF FITNESS FOR PURPOSE, OR MERCHANTABILITY, EXCLUSIVITY OR RESULTS OBTAINED FROM USE OF THIS PRODUCT, NOR SHALL GE HEALTHCARE OR CMU BE LIABLE FOR DIRECT, INDIRECT, SPECIAL, OR CONSEQUENTIAL DAMAGES SUCH AS LOSS OF PROFITS OR INABILITY TO USE SAID INTELLECTUAL PROPERTY OR ANY APPLICATIONS AND DERIVATION THEREOF. GE HEALTHCARE AND/OR CMU DOES NOT MAKE ANY WARRANTY OF ANY KIND WITH RESPECT TO FREEDOM FROM PATENT, TRADEMARK, OR COPYRIGHT INFRINGEMENT, OR THEFT OF TRADE SECRETS AND DOES NOT ASSUME ANY LIABILITY HEREUNDER FOR ANY INFRINGEMENT OF ANY PATENT, TRADEMARK, OR COPYRIGHT ARISING FROM THE USE OF THE PRODUCT. IF YOU ARE USING THIS PRODUCT FOR COMMERCIAL SERVICES, YOU AGREE THAT YOU WILL NOT MAKE ANY WARRANTY ON BEHALF OF GE HEALTHCARE OR CMU, EXPRESSED OR IMPLIED, TO ANY PERSON CONCERNING THE APPLICATION OF OR THE RESULTS TO BE OBTAINED WITH THE PRODUCT.

YOU HEREBY AGREE TO DEFEND, INDEMNIFY AND HOLD HARMLESS GE HEALTHCARE AND CMU, THEIR AFFILIATES, TRUSTEES, OFFICERS, EMPLOYEES, ATTORNEYS, AND AGENTS FROM ALL CLAIMS OR DEMANDS MADE AGAINST THEM (AND ANY RELATED LOSSES, EXPENSES OR COSTS) ARISING OUT OF OR RELATING TO YOUR AND YOUR CUSTOMERS' USE OF, DISPOSITION OF, OR CONDUCT REGARDING THE PRODUCT INCLUDING BUT NOT LIMITED TO, ANY



Sequel™ Sequencing Kit 2.0 Insert

Kit Insert PN: 101-028-700

Rev: 01

CLAIMS OF PRODUCT LIABILITY, PERSONAL INJURY (INCLUDING, BUT NOT LIMITED TO, DEATH), DAMAGE TO PROPERTY OR VIOLATION OF ANY LAWS OR REGULATIONS INCLUDING, BUT NOT LIMITED TO, CLAIMS OF ACTIVE OR PASSIVE NEGLIGENCE.