

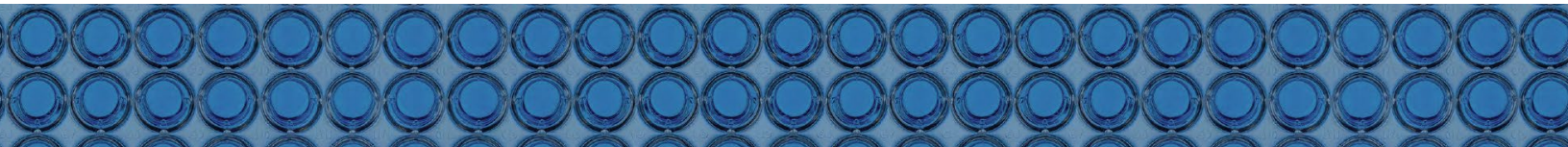
# LongPlex™ Long Fragment Multiplexing Kit

LongPlex Specifications	
Primary Applications	Long Read Sequencing for: <ul style="list-style-type: none"> <li>• Microbial and Small Whole Genome Sequencing</li> <li>• Metagenomics</li> <li>• Low Pass Sequencing</li> <li>• Targeted Hybrid Capture</li> </ul>
Sample Input Types*	Genomic DNA (DIN ≥ 8.0 Recommended)
Reactions per Kit	96 Reactions
DNA Input Recommended	250-500 ng
Plate Format	Fully skirted 96-well PCR plate
Index Method	Unique Dual Indexing (UDI)
Number of Unique Index Combinations	96
Batch Size	1-96 Samples**
Kit Output Fragment Range (average)	8,000 - 10,000 bp***
PCR Amplification	<ul style="list-style-type: none"> <li>• WGS: PCR-free &amp; PCR-plus Methods are Available</li> <li>• Hybrid Capture: 8-10 PCR Cycles Required</li> </ul>
Total Protocol Time	<ul style="list-style-type: none"> <li>• PCR-free: 60 Minutes (20 Minutes Hands-on)</li> <li>• PCR-plus: 3-4 Hours Including Long Range PCR (30 Minutes Hands-on)</li> </ul>
Sequencer Compatibility	<ul style="list-style-type: none"> <li>• PacBio™ Revio™</li> <li>• PacBio Sequel II &amp; IIe</li> </ul>

\*Other sample types and applications may be compatible. Contact seqWell™ support for more information

\*\*Up to 96 samples can be pooled post LongPlex barcoding prior to PacBio SMRTbell™ indexing

\*\*\*Fragment size will depend on magnetic bead cleanup ratios used and QC method. Final sequencing read length will vary depending on downstream application.



## LongPlex Ordering Information

Description	Product #
LongPlex Long Fragment Multiplexing Kit, 96 reactions	301302

### Kit Includes:

- Tagging Reagent Plate  
(96-well Microtiter Plate)
- 3X Coding Buffer
- X Solution
- Library Primer Mix (LPM) for Optional PCR



**seqWell Inc**  
66 Cherry Hill Drive  
Beverly, MA 01915

**Tel:** 1 855 SEQWELL (737-9355)  
[seqWell.com](http://seqWell.com)

**For sales inquiries:** [sales@seqwell.com](mailto:sales@seqwell.com)

**For technical support:** [support@seqwell.com](mailto:support@seqwell.com)

**To place an order:** [orders@seqwell.com](mailto:orders@seqwell.com)

©2024 seqWell. All rights reserved.

LongPlex, seqWell and the seqWell logo are trademarks of seqWell Inc. PacBio, Revio and SMRTbell are trademarks of Pacific Biosciences.  
TS\_LP080824