

ExpressPlex™ 2.0 Library Prep Kit

ExpressPlex 2.0 Specifications	
Primary Applications	Plasmid and amplicon sequencing
Sample Input Type*	Plasmids, amplicons >350bp, RCA-amplified DNA colony PCR amplicons
Transposase	TnX™ – High performance engineered transposase
Reactions per Kit	<ul style="list-style-type: none"> • 96 reactions • 384 reactions (4 different sets available)
DNA Input Recommended	1 - 40 ng
Total Library Prep Time (hands-on time)	100 minutes (30 minutes hands-on time)
Indexing Method	Combinatorial dual indexing
Number of Unique Index Combinations	1,536
Batch Size	48 – 96 samples per batch
Output Fragment Range**	400 – 1,200 bp
Number of PCR Cycles	<ul style="list-style-type: none"> • 12 cycles for plasmids • 15 cycles for amplicons
Sequencer Compatibility	<ul style="list-style-type: none"> • All Illumina sequencing platforms • Compatible with Element Biosciences AVITI™ or other sequencing platforms

*Other sample types are compatible. Contact seqWell's application group for guidance (support@seqwell.com).

**Fragment size will depend on magnetic bead cleanup ratios used.

ExpressPlex 2.0 Reagents Ordering Information

Description	Product #
ExpressPlex 2.0 Library Prep Kit, 96 Reactions	301170
ExpressPlex 2.0 Library Prep Kit, 384 Reactions, Set 1000	301176
ExpressPlex 2.0 Library Prep Kit, 384 Reactions, Set 2000	301177
ExpressPlex 2.0 Library Prep Kit, 384 Reactions, Set 3000	301178
ExpressPlex 2.0 Library Prep Kit, 384 Reactions, Set 4000	301179

ExpressPlex Library Prep Kit Includes:

- Indexing Reaction Plate(s)
- Ready Reaction Mix Plate(s)
- MAGWise Paramagnetic Beads
- Users do not need to supply polymerase, primers, or barcodes. These are pre-mixed within supplied reagents.



seqWell Inc
66 Cherry Hill Drive
Beverly, MA 01915

Tel: 1 855 SEQWELL (737-9355)
seqWell.com

For sales inquiries: sales@seqwell.com

For technical support: support@seqwell.com

To place an order: orders@seqwell.com

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