

ExpressPlex™ 2.0 Library Prep Kit

ExpressPlex 2.0 Specifications	
Primary Applications	Plasmid & amplicon sequencing, and microbial whole genome sequencing (WGS)
Sample Input Type*	Purified plasmid DNA, RCA-amplified DNA, amplicons >350bp, colony PCR amplicons, microbial genomic DNA
Transposase	TnX™ – High performance engineered transposase
Kit Format	<ul style="list-style-type: none"> • 96-well • 384-well • Custom dispense
DNA Input Recommended	96-well format: <ul style="list-style-type: none"> • 1-40 ng for plasmid & amplicon seq • 10-40 ng for microbial WGS 384-well format: <ul style="list-style-type: none"> • 0.5 – 20 ng for plasmid & amplicon seq
Total Library Prep Time (hands-on time)	100 minutes (30 minutes hands-on time)
Indexing Method	Combinatorial dual indexing
Number of Unique Index Combinations	Up to 6144
Batch Size	<ul style="list-style-type: none"> • 8-96 samples (96-well format) • 384 samples (384-well format)
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 • 12 cycles for microbial WGS
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.



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