

seqWell Kit Comparison Guide



Product	ExpressPlex™ 2.0 Library Prep Kit	ExpressPlex™ Plus Library Prep Kit (Coming soon)	AgriPrep™ Library Prep Kit	MosaiX™ Library Prep Kit (Early Access)	LongPlex™ Multiplexing Kit
Primary Applications	Plasmid and amplicon sequencing	- Microbial/small genome WGS - Metagenomic sequencing - Low-pass coverage of large genomes (up to 5X human coverage)	- Genotyping-by-sequencing (GBS) - Low-pass sequencing - Skim sequencing	- Human whole genome sequencing (WGS) - Human whole exome sequencing (WES) - Human germline target capture panels - Plant & animal WGS and target capture panels	- Long-read sequencing - Plasmid sequencing - Microbial/small genome WGS - Targeted hybrid capture - Metagenomic sequencing - Low-pass, large genome
Transposase Enzyme	TnX™	TnX	TnX	TnX	Hyperactive Tn5
Sample Types	Amplicons (>350 bp), Plasmids Colony PCR, RCA	Genomic DNA	Plant & animal genomic DNA	Genomic DNA	Genomic DNA
Total Prep Time (hands on time)	100 min (30 min)	100 min (30 min)	100 min (30 min)	90 min (35 min)	105-225 min* (40 min)
Input Mass	1-40 ng	10-200 ng working range 20-100 ng normalization range	10-200 ng working range 20-100 ng normalization range	50-100 ng	150-500 ng
Indexing Method	CDI	CDI	CDI	Any tagmentation-compatible indexing or custom primers	UDI
Batch Range	8-96 or 384*	8-96	8-96	1-96	1-24*
Number of Samples/Kits	96/384/custom	96	96	24/96	96
Number of Available Unique Index Combinations	Up to 6144	Up to 1536	- Up to 1536 off-the-shelf - Up to 3072 via custom ordering	N/A	96
Paired-End Reads (Clusters) per Sample Supported	≤4 million	≤50 million	≤50 million	≤400 million	N/A

*depending on the protocol

seqWell Tagify™ Reagent Comparison Guide



Reagents	Tagify™ i5 UMI	Tagify Custom
Primary Applications	Gene editing on/off-target analysis assays	• Gene editing on/off-target analysis assays • Chromatin accessibility assays • Any application requiring DNA fragmentation & tagging
Transposase Enzyme	Hyperactive Tn5	TnX or Hyperactive Tn5
Sample Types	Genomic DNA	Genomic DNA
Barcoding Strategy	Up to 24 unique: • 10 bp i5 barcode • 10 bp UMI sequence	Custom • i5/i7 • Universal adapters • Customer-specified oligo • UMI, UDI, CDI
Reactions/Kit	• 1 or 4 sets of Tagify i5 UMI 24 stamped in 96-well microtiter plate • Custom dispense	N/A
DNA Input Recommended	50 ng	Dependent on customer application
Standard Dispense Volume/Well	3 µl or 4 µl in 96-well microtiter plate	Custom dispense in tube or plate (10 µl minimum volume)
Output Fragment Range	800-2000 bp (using region mode with a range of 200-7500 bp)	Fragment range designed to meet customer needs

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