

Tagify™ i5 UMI Adapter-Loaded Transposase

Tagify i5 UMI Reagent Specifications	
Primary Applications	<ul style="list-style-type: none"> Targeted sequencing assays CRISPR QC Cell and Gene engineering QC
Sample Input Types	Genomic DNA
Transposase	Hyperactive Tn5
Reactions per Set	<ul style="list-style-type: none"> 1 or 4 sets of Tagify i5 UMI 24 stamped across a 96-well microtiter plate Custom dispense options available
Plate Format	Fully skirted 96-well PCR plate
Reagent Volume per Well	3µl or 4µl in a 96-well microtiter plate
DNA Input Recommended	50 ng
Number of Unique Barcodes	<ul style="list-style-type: none"> 24 i5 indexes with unique molecular identifiers (UMI) Inquire for additional i5 indexes
Barcoding	<ul style="list-style-type: none"> 10 base i5 barcode with a 10 base UMI sequence
Standard Output Fragment Range* (Measured with Agilent DNA BioAnalyzer Chip)	800 – 2,000 bp (using region mode with a range of 200 – 7500 bp)
Sequencer Compatibility	<ul style="list-style-type: none"> All Illumina sequencing platforms Compatible with Element Biosciences AVITI™ with conversion kit for Illumina libraries

*Because the tagged product is not a complete NGS library, sizing data and traces obtained from other methods, such as Agilent TapeStation or Femto Pulse instruments, may vary.

Tagify i5 UMI Reagent Ordering Information

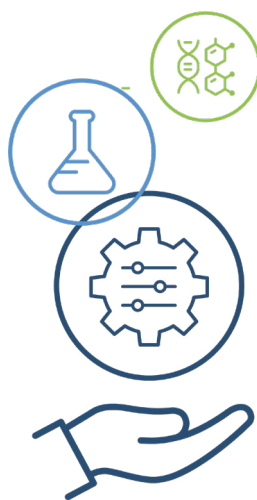
Description	Product #
Tagify i5 UMI 24 Indexes	301230
Tagify i5 UMI Custom Dispense	Please inquire

Full Adapter Sequence (82 bp)

5' AATGATACGGCGACCACCGAGATCTACACxxxxxxxNNNNNNNNNNTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG

Tagify i5 UMI Reagent Set Includes:

- Tagify i5 UMI Reagent Plate
- 3X Coding Buffer
- X Solution
- MAGWise Paramagnetic Beads



Looking to customize your assay and need a different dispense volume?

[Inquire about our custom dispense options.](#)



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