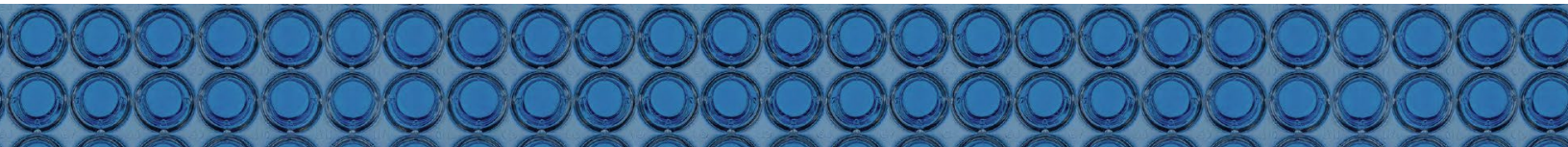


# Tagify™ i5 UMI Adapter-Loaded Transposase

Tagify i5 UMI Reagent Specifications	
Primary Applications	<ul style="list-style-type: none"> <li>• Targeted sequencing assays</li> <li>• CRISPR QC</li> <li>• Cell and Gene engineering QC</li> </ul>
Sample Input Types	Genomic DNA
Transposase	Hyperactive Tn5
Reactions per Set	<ul style="list-style-type: none"> <li>• 96 reactions</li> <li>• 24 reactions</li> <li>• Custom dispense options available</li> </ul>
Plate Format	Fully skirted 96-well PCR plate
Reagent volume per well	3µL
DNA Input Recommended	50 ng
Number of unique barcodes	24 or 96 unique molecular identifiers (UMI)
Barcoding	<ul style="list-style-type: none"> <li>• 10 base i5 barcode with a 10 base UMI sequence</li> </ul>
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"> <li>• All Illumina sequencing platforms</li> <li>• Compatible with Element Biosciences AVITI™ with conversion kit for Illumina libraries</li> </ul>

\*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 Reactions	301230
Tagify i5 UMI 96 Reactions	301210
Tagify i5 UMI custom dispense	Please inquire

### Full Adapter Sequence (82 bp)

5' AATGATACGGCGACCACCGAGATCTACACxxxxxxxxxxxxNNNNNNNNNNNNTCGTCGGCAGCGTCAGATGTGTATAAGAGACAG

### Tagify i5 UMI Reagent Set Includes:

- Tagify i5 UMI Reagent Plate (24 or 96 reactions)
- 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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