

# EZ DNA Methylation Product Comparison Chart

Product Name	Formats Available	Method of DNA denaturation for bisulfite conversion	Incubation time for bisulfite conversion	Conversion efficiency	Input	Yield	Notes
<b>EZ DNA Methylation Kits</b>	<ul style="list-style-type: none"> <li>• Single column</li> <li>• 96-well format (shallow or deep-well)</li> <li>• 96-well Magprep</li> </ul>	Chemical denaturation	12-16 hours	>99%	500 pg – 2 µg	>80%	Recommended in Illumina’s GoldenGate and Infinium assays and Sequenom’s EpiTYPER and is the most cited
<b>EZ DNA Methylation-Gold Kits</b>	<ul style="list-style-type: none"> <li>• Single column</li> <li>• 96-well format (shallow or deep-well)</li> <li>• 96-well Magprep</li> </ul>	Heat denaturation	2.5 hours	>99%	500 pg – 2 µg	>75%	First to use heat denaturation
<b>EZ DNA Methylation-Direct Kits</b>	<ul style="list-style-type: none"> <li>• Single column</li> <li>• 96-well format (shallow or deep-well)</li> <li>• 96-well Magprep</li> </ul>	Heat denaturation	3.5 hours	>99.5%	50 pg – 2 µg *For crude cell samples = 10-10 <sup>5</sup> cells	>80%	Can perform bisulfite conversion straight from crude samples, such as cells, tissues, FFPE and LCM samples
<b>EZ DNA Methylation-Lightning Kits</b>	<ul style="list-style-type: none"> <li>• Single column</li> <li>• 96-well format (shallow or deep-well)</li> <li>• 96-well Magprep</li> </ul>	Heat denaturation	1 hour	>99.5%	100 pg – 2 µg	>80%	Ready-to-use CT conversion reagent, fastest time for bisulfite conversion

**\*Elution Volume:**

1. Single column = ZymoSpin I = ≥10 µl
2. 96-Well Shallow Plate = Silicon-A Plate = ≥ 30 µl
3. 96-Well Deep Plate = ZymoSpin I-96 Plate = ≥15µl
4. 96-Well MagPrep = ≥20 µl