

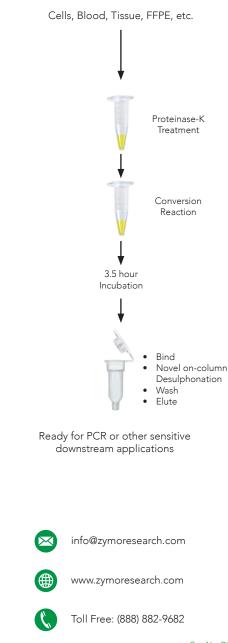


## **Bisulfite Conversion Directly** from Cells and Tissue

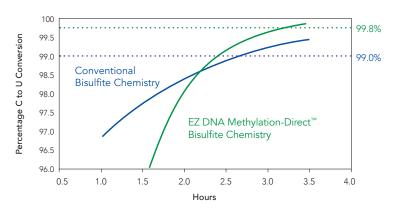
## EZ DNA Methylation-Direct® Kits

- **No Purification Necessary:** Complete bisulfite conversion of DNA directly from blood, soft tissue, cells, FFPE, and LCM samples.
- Low Input: Compatible with small sample inputs, as few as 10 cells or 50 pg DNA.
- High Quality DNA: Converted DNA is ready for PCR, Next-Gen Sequencing, and MSP.

## Streamlined, Innovative Workflow



## Significantly Improved Conversion Kinetics



EZ DNA Methylation-Direct<sup>™</sup> Kit bisulfite chemistry significantly improves C to U conversion kinetics. DNA was converted using either EZ DNA Methylation-Direct<sup>™</sup> or conventional bisulfite chemistries. Recovered DNA was amplified by PCR, then cloned. Sequences from individual clones were analyzed and quantitated. This data shows that EZ DNA Methylation-Direct<sup>™</sup> bisulfite chemistry improves the rate and extent (> 99.8%) of C to U conversion of DNA as compared to conventional bisulfite chemistry.

Product	Cat. No.	Size
EZ DNA Methylation-Direct <sup>™</sup> Kit	D5020 D5021	50 rxns 200 rxns
EZ-96 DNA Methylation-Direct <sup>™</sup> Kit (shallow-well)	D5022	2 x 96 rxns
EZ-96 DNA Methylation-Direct <sup>™</sup> Kit (deep-well)	D5023	2 x 96 rxns
EZ-96 DNA Methylation-Direct <sup>™</sup> MagPrep Kit	D5044 D5045	4 x 96 rxns 8 x 96 rxns