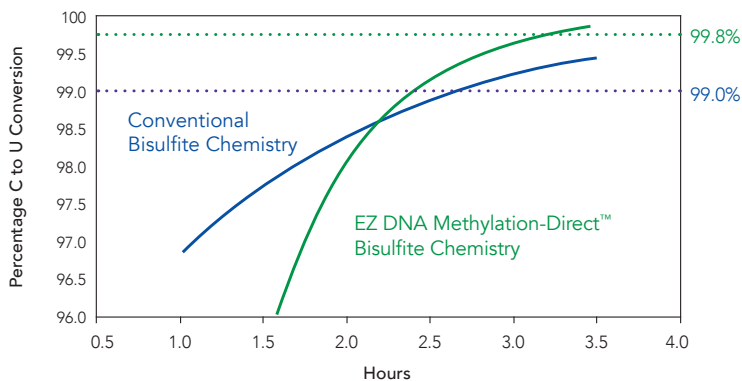


# Bisulfite Conversion Directly from Cells and Tissue

## 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.

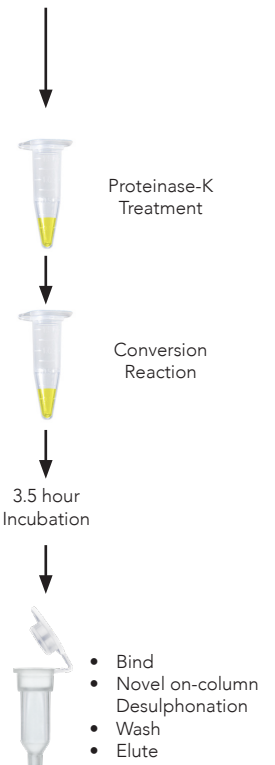
### Significantly Improved Conversion Kinetics



EZ DNA Methylation-Direct™ Kit bisulfite chemistry significantly improves C to U conversion kinetics. DNA was converted using either EZ DNA Methylation-Direct™ 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™ bisulfite chemistry improves the rate and extent (> 99.8%) of C to U conversion of DNA as compared to conventional bisulfite chemistry.


## Streamlined, Innovative Workflow

Cells, Blood, Tissue, FFPE, etc.



Ready for PCR or other sensitive downstream applications

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

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