

BenchPro[®] 2100 Plasmid Purification System

Plasmid purification automation, typically with less than 5 minutes of hands-on time

- Transfection-grade plasmid with 125 mL of starting culture
- Consistency and reliability through prefilled and sealed reagents
- Minimize tedious hands-on work; requires typically less than 5 minutes to set up

The BenchPro[®] 2100 Plasmid Purification System provides a complete walk-away solution for high-quality purification of your large-scale plasmid DNA. Going straight from culture to purified plasmid, it simplifies the traditional 22-step process of manual plasmid purification to four easy set-up steps:

1. Grow 125 mL of bacterial culture in LB medium with appropriate antibiotic
2. Assemble the Reagent Tray and Cell Liner on the Waste Tray, and add your culture to the Cell Liner
3. Load the BenchPro[®] 2100 Plasmid Purification Card into one of the instrument slots
4. Run the purification protocol

The BenchPro[®] 2100 delivers up to 1 mg of plasmid DNA from 125 mL of culture that is ready for applications such as transfection of mammalian cells, automated and manual sequencing, PCR amplification, cloning, transformation, and *in vitro* transcription.



Figure 1. BenchPro[®] 2100 Plasmid Purification System.

Product	Quantity	Cat. No.
BenchPro [®] 2100 Plasmid Processing Station	1 each	MC1001
BenchPro [®] 2100 Plasmid Purification Card and Reagent Tray Kit	1 kit (4 cards)	MC2001
BenchPro [®] 2100 Piercing Device	1 each	MC3001
BenchPro [®] 2100 Waste Tray	1 kit (2 trays)	MC4001



For more information on the BenchPro[®] 2100 Plasmid Processing Station, go to www.invitrogen.com/benchpro2100.

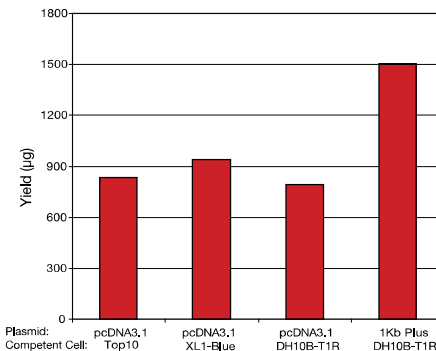


Figure 2. The BenchPro[®] 2100 Plasmid Purification System is compatible with a wide range of plasmids and cells. This graph shows the average DNA yields of plasmids purified from 125 mL of overnight *E. coli* culture grown in LB medium (OD 2.0–2.4) using the BenchPro[®] 2100 instrument.

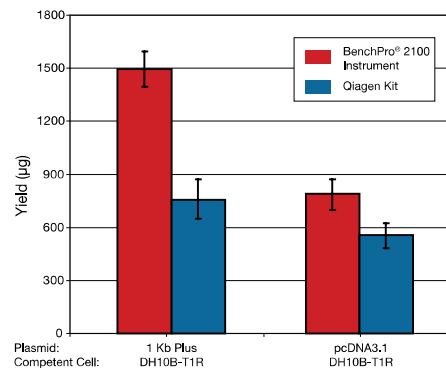


Figure 3. Obtain higher yields using the BenchPro[®] 2100 Plasmid Purification System. This graph shows the average DNA yields from 125 mL of *E. coli* culture (OD 2.0–2.4) of 1 Kb Plus (19 kb) and pcDNA3.1 (6.2 kb) plasmids purified using the BenchPro[®] instrument or the Qiagen[®] HiSpeed[®] Plasmid Maxi Kit.