

GE Healthcare

illustra plasmidPrep Midi Flow Kit

sNAPpier high yield purification of plasmid DNA

illustra™ plasmidPrep Midi Flow Kit is designed for the purification of high yields of transfection-grade plasmid DNA. The procedure utilizes the superior capacity and selectivity of the Fast Flow plasmid purification medium to facilitate processing of larger culture volumes providing greater overall yields of plasmid DNA with low levels of endotoxin contamination.

Purified plasmid DNA is suitable for use in a range of demanding cellular and molecular biological applications including: transfection, enzymatic modification and amplification, as well as automated sequencing.

illustra: Purify. Amplify. Simplify



Plasmid Midi



imagination at work

illustra plasmidPrep Midi Flow Kit

High capacity and quality

- **Better performance** — up to seven times lower endotoxin levels in a side-by-side comparison with Qiagen*, resulting in increased plasmid DNA purity
- **Increased yield** — plasmidPrep midi column can accommodate twice the culture volume of Qiagen™ Plasmid Midi Kit, resulting in yields in excess of 300 µg

Simpler

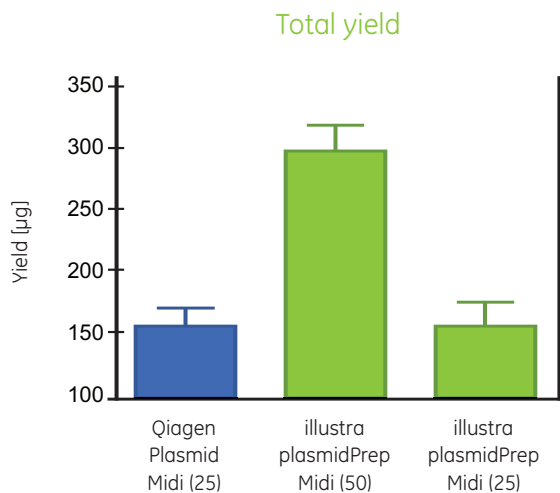
- **Convenience** — columns are pre-equilibrated and ready to use
- **Easy to use** — GE Healthcare Fast Flow media reduces the risk of clogging, allowing twice the input material in comparison with Qiagen*, so more sample can be processed faster than existing methods
- **User friendly** — color-coded caps and bottles with matching protocol steps minimize the chance for error
- **Easy to follow** — quick reference protocol card provides instructions at a glance for experienced users

* Compared with Qiagen Plasmid Midi Kit

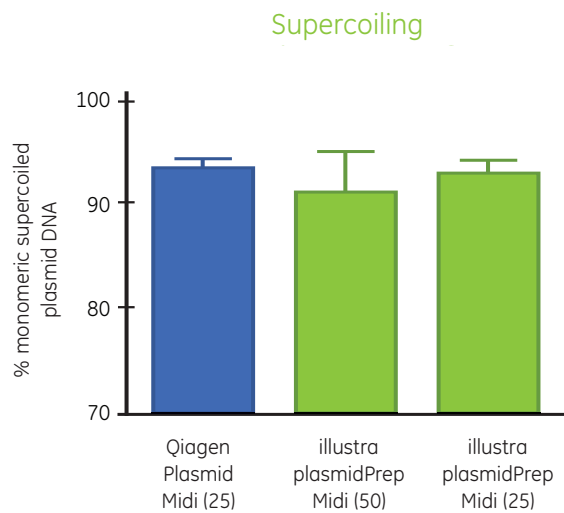
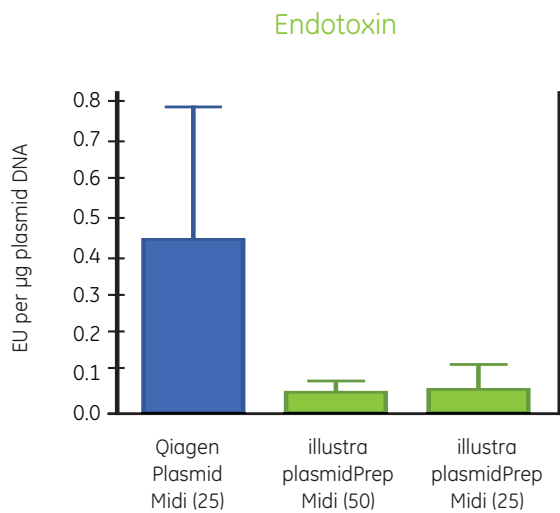
Key facts

Sample input volume	25 ml to 150 ml LB culture dependent upon growth and strain of <i>E. coli</i> , and size and copy number of the plasmid
Capacity	≥ 250 µg plasmid DNA
Typical yield	100 to ≥ 250 µg high-copy number plasmid 20 to 250 µg low-copy and very low-copy number plasmid
Purity	
A_{260}/A_{280}	1.8 to 2.0
A_{260}/A_{230}	2.0 to 2.5
% supercoiled plasmid DNA	> 70% (depends on strain)
Endotoxin	< 10 EU per µg plasmid DNA

Capacity:



Quality:



Numbers in brackets (25) and (50) indicate culture volume

Ordering Information

To order, contact your local GE Healthcare customer service representative quoting the article codes below:

28-9042-67	illustra plasmidPrep Midi Flow Kit	25 Pack Size
28-9042-68	illustra plasmidPrep Midi Flow Kit	100 Pack Size

www.gehealthcare.com/illustra

GE Healthcare UK Limited
Amersham Place
Little Chalfont
Buckinghamshire HP7 9NA
UK

Asia Pacific: Tel: +65 6275 1830 Fax: +65 6275 1829 **Australasia:** Tel: + 61 2 9899 0999 Fax: +61 2 9899 7511 **Austria:** Tel: 01/57606-1619 Fax: 01/57606-1627 **Belgium:** Tel: 0800 73 888 Fax: 02 416 82 06 **Canada:** Tel: 1 800 463 5800 Fax: 1 800 567 1008 **Central, East, & South East Europe:** Tel: +43 1 972720 Fax: +43 1 97272 2750 **Denmark:** Tel: 45 16 2400 Fax: 45 16 2424 **Eire:** Tel: 01494 544000 Fax: 0044 1494 542010 **Finland & Baltics:** Tel: +358-(0)9-512 39 40 Fax: +358 (0)9 512 39 439 **France:** Tel: 01 6935 6700 Fax: 01 6941 9677 **Germany:** Tel: (089) 96281 660 Fax: (089) 96281 620 **Greater China:** Tel: +852 2100 6300 Fax: +852 2100 6338 **Italy:** Tel: 02 27322 1 Fax: 02 27302 212 **Japan:** Tel: +81 3 5331 9336 Fax: +81 3 5331 9370 **Latin America:** Tel: +55 11 3933 7300 Fax: +55 11 3933 7304 **Middle East & Africa:** Tel: +30 210 9600 687 Fax: +30 210 9600 693 **Netherlands:** Tel: 0800 82 82 82 1 Fax: 0800 82 82 82 4 **Norway:** Tel: 815 65 555 Fax: 815 65 666 **Portugal:** Tel: 21 417 7035 Fax: 21 417 3184 **Russia & other C.I.S. & N.I.S:** Tel: +7 (495) 956 5177 Fax: +7 (495) 956 5176 **Spain:** Tel: 93 594 49 50 Fax: 93 594 49 55 **Sweden:** Tel: 018 612 1990 Fax: 018 612 1910 **Switzerland:** Tel: 0848 8028 12 Fax: 0848 8028 13 **UK:** Tel: 0800 616928 Fax: 0800 616927 **USA:** Tel: +1 800 526 3593 Fax: +1 877 295 8102

For more information about the comparisons mentioned in this document, please refer to data file 28-9075-93.

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GE Healthcare Bio-Sciences Corp., 800 Centennial Avenue, P.O. Box 1327, Piscataway, NJ 08855-1327, US
GE Healthcare Europe GmbH, Munzinger Strasse 5, D-79111 Freiburg, Germany
GE Healthcare Bio-Sciences AB, Björkgatan 30, 751 84 Uppsala, Sweden
GE Healthcare Bio-Sciences KK, Sanken Bldg. 3-25-1, Hyakunincho Shinjuku-ku, Tokyo 169-0073, Japan

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