

Product Datasheet

Vazyme - FastPure EndoFree Plasmid Maxi Kit (DC202-01)

Catalog Number	DC202-01
Category	Tools
Description	<p>FastPure EndoFree Plasmid Maxi Kit is suitable for extraction from 150 - 300 ml of bacterial solution cultured overnight, using an improved SDS-alkaline lysis method to lyse the bacteria. The crude extract is selectively combined with a unique Endotoxin Scavenger and separated by centrifugation to remove endotoxins. Then, the silica gel membrane selectively binds to plasmid DNA in the solution under conditions of high-salt and low-pH. This is followed by addition of wash buffer to remove impurities and other bacterial components. Finally, a low-salt, high-pH elution buffer is used to elute pure plasmid DNA from the silicon matrix membrane. The silica gel membrane employs special adsorption membrane, and the adsorption amount difference between the column and the column is very small and the repeatability is good. Phenol, chloroform and other toxic reagents are not required, and neither is ethanol precipitation steps. This kit can be used to rapidly extract 0.2 - 1.5 mg of pure high-copy plasmid DNA, with an extraction rate of 80% - 90%. The kit uses an unique process formula removes endotoxin, the content of endotoxin is extremely low and the cell transfection effect is excellent. The extracted plasmid could be directly used in enzyme digestion, PCR, in vitro transcription, transformation, sequencing and other molecular biology experiments.</p>
Application notes	High Yield; Compatible with the extraction of plasmids of different lengths; The content of endotoxin is extremely low, and subsequent transfection level experiments can be done; Good stability
Usage Notes	Restricted to UK and Ireland's customers ONLY
Storage	RNase A should be stored at -30 ~ -15 °C and transported at ≤0 °C . Endotoxin Scavenger can be stored at 2 ~ 8 °C for one month, stored at -30 ~ -15 °C for long-term storage and transported at ≤0 °C . Other components should be stored at room temperature (15 ~ 25 °C) and transported at room temperature.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Background	Only available for the UK and Republic of Ireland
Note	For research use only
Expiration Date	12 months from date of receipt.



Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)