

peqGOLD XChange Plasmid Maxi-EF Kit

Quick and easy isolation of up to 520 µg highly pure, endotoxin-free plasmid DNA

Excellent quality, suited for all kinds of downstream applications

PRODUCT HIGHLIGHTS

- Isolation of endotoxin-free plasmid DNA in only 100 min
- Plasmid DNA is suitable for high transfection efficiencies
- Clarifying of the lysate by special pre-filters
- Anion exchange technology and positively charged methylethylamine groups efficiently bind plasmid DNA
- High flow rates and short preparation times
- Efficient removal of enzyme inhibitors and contaminants

PERFORMANCE

XCHANGE PLASMID MAXI-EF KIT

- Protocol time: 100 min
- Binding capacity: 520 µg/column

- Culture volume: 30 to 150 ml
- Yield: 450 to 520 µg
- Endotoxin concentration: < 0.1 EU/µg
- Recovery: 90 to 95 %
- Vector size: < 300 kbp
- $A_{260/280}$: 1.80 to 1.95
- Clarifying of the lysate: filter/centrifugation

KIT COMPONENTS

- XChange Maxi columns
- Folded filters
- Plastic washers
- Solution I-EF, II-EF and III-EF
- EQ-EF Buffer
- DNA Wash Buffer
- RNase A
- Elution Buffer

PRODUCT	DESCRIPTION	YIELD	PREPS	CAT. NO.
peqGOLD	Isolation of endotoxin-free plasmid-DNA	up to 520 µg	10	12-7404-01
XChange Plasmid Maxi-EF Kit		up to 520 µg	20	12-7404-02