



## REAL-Prep™ Endotoxin-Free Plasmid DNA Isolation Maxi Kit

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REAL-Prep™ Endotoxin-Free Plasmid DNA Isolation Maxi kit is designed to lyse the cell by alkali pyrolysis, then to specifically adsorb DNA using a centrifugal adsorption column in the state of high-salt. Endotoxin scavenging agent can efficiently clean out endotoxin from the plasmid solution. Purified plasmid contains endotoxin less than 0.1EU/ug. The silicon matrix of centrifugal adsorption column can efficiently and exclusively adsorb DNA and exclude the protein of impurities and other organic compound. 200-300ug pure and high copies of plasmid DNA can be fast extracted from 50-100 ml LB (Luria-Bertani), and the extraction rates peak to 85-90 %. Acquired plasmid DNA using our kit is available for a broad range of routine operation, including enzyme-cut, PCR, sequencing, linking and transformation.

The Endotoxin-Free Plasmid DNA could be used for a broad range of routine application, including enzyme digestion, PCR, library construction, Southern Blotting etc.

Catalog No.	110004
Size	10 preps
Product Category	Nucleic Acid Isolation
Storage/Stability	Ambient & -20°C/1 year
Shipping	Ambient & Gel Packs