

Zhuhai Biori Biotechnology Co.,Ltd

珠海宝锐生物科技有限公司

Certificate of Analysis

产品检验报告

Product 产品名称	EndoFree Plasmid Maxi Kit	Lot No. 批号	20251222
Specification 规格	10 T	Test Date 检验日期	2025.12.25
Test purpose 请检目的	All items	Expiry date 有效期至	2027.03.21
Standard 请检依据	Enterprise Standard	Storage 储存条件	15-30°C

TEST RESULT

检验结果

Content 检验项目	Specification 企业标准	Results 检验结果
Appearance 外观	Clear liquid, no precipitation, no suspended matter, no flocculent. The packaging is intact, no damage, no leakage, and the batch number is correct. 清澈液体，无沉淀，无悬浮物，无絮状物。包装完好，无破损、无漏液，批号无误。	Conforms 符合规定
Fill Weight 装量检测	The component fill volume shall not be less than the labeled value. 组分装量不低于标识值。	Conforms 符合规定
Functional Test 功能性检测	Plasmids were extracted simultaneously using a standard kit from 200 mL of pcDNA3.1 engineered bacterial culture with an OD ₆₀₀ of 1.4-1.8. The OD ₂₆₀ /OD ₂₈₀ ratio of the extracted plasmids was 1.7-1.9, and the yield was 0.5-1 mg. For pACYC184, plasmids were extracted under the same conditions from 200 mL of engineered bacterial culture with an OD ₆₀₀ of 1.4-1.8. The OD ₂₆₀ /OD ₂₈₀ ratio was 1.7-1.9, and the yield was 0.2-0.4 mg. Agarose gel electrophoresis demonstrated that the extracted plasmid exhibited clear, intact bands with no aberrations. 使用 pcDNA3.1 工程菌液 (OD ₆₀₀ : 1.4-1.8) 200 mL，与标准试剂盒同时提取质粒，OD ₂₆₀ /OD ₂₈₀ =1.7-1.9,提取得率为 0.5-1 mg；使用 pACYC184 工程菌液 (OD ₆₀₀ : 1.4-1.8) 200 mL 与标准试剂盒同时提取质粒，OD ₂₆₀ /OD ₂₈₀ =1.7-1.9,提取得率为 0.2-0.4 mg。琼脂糖凝胶电泳检测，所提取质粒条带清晰，无异常。	Conforms 符合规定
Test conclusion 检验结论	Complying with Enterprise Standard. 本品按企业标准检验，结果符合规定。	

Analyzed by (检验人):

张露萍

Reviewed by (复核人):

唐伟皇