

# ccc Grade Plasmid DNA

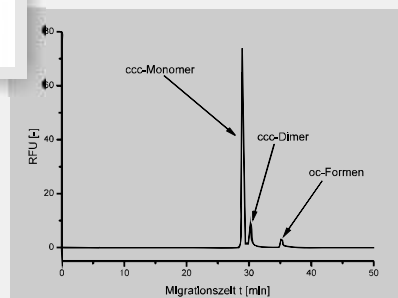
Highest purity  
for advanced requirements

Plasmid DNA service production -  
relieving researchers  
from routine work



Certified quality for research  
and pre-clinical applications:

- highly efficient and reproducible (co-)transfections
- production of viruses, viral vectors (LV, AAV, ...), siRNA, antibodies, ...
- reference standards
- toxicology studies



Our innovative production process is  
mainly characterized by:

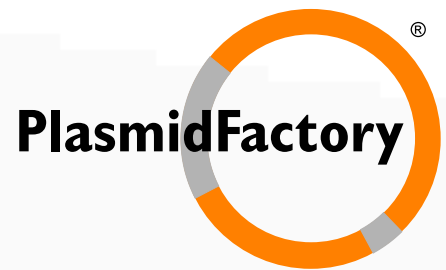
- specific removal of bacterial chromosomal DNA and oc-plasmid forms
- animal-free production
- animal-free cultivation media
- cultivation without antibiotics
- use of recombinant RNase, optional completely enzyme-free process: *ccc Grade classic*
- verified removal of bacterial LPS-endotoxin, RNA and protein (optional)
- CGE analysis (ccc-supercoiled vs. oc plasmid topologies) included

You will receive your plasmid DNA:

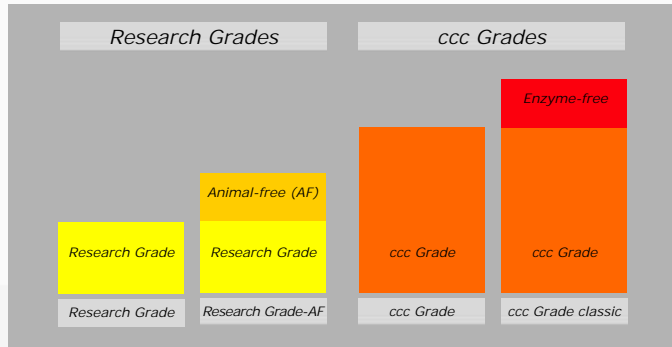
- in certified quality - documented in a comprehensive QC report
- in guaranteed amount
- in aliquots and buffer of your choice
- shipped on dry ice
- with a certificate listing the actual QC results and specifications

Please ask for a detailed quotation!

# Plasmid DNA service production - choose your individual Quality *Grade*



Plasmid DNA production  
in certified quality and  
guaranteed amount



	<i>Research Grades</i>	<i>ccc Grades</i>
Certified quality incl. comprehensive QC report	✓	✓
Guaranteed amount of plasmid DNA	✓	✓
Produced by fermentation	✓	✓
Animal-free production process	Optional	✓
Animal-free cultivation media	✓	✓
Cultivation without antibiotics	✓	✓
Use of recombinant RNase	Optional	Optional
Completely enzyme-free	-	
Storage of cell bank for repeat orders included	✓	✓
Verified removal of bacterial LPS- endotoxin (LAL assay)	✓	✓
Removal of RNA and protein	✓	✓
Specific removal of bacterial chromosomal DNA and oc-forms	-	✓
CGE analysis (ccc-supercoiled vs. oc plasmid topologies)	On request	✓
Filling included	✓	✓
Adjustment of DNA concentration included	✓	✓
Storage of retain sample included	✓	✓

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