

MACHEREY-NAGEL

Next-generation plasmid purification for highest quality

Bioanalysis



NucleoSpin® Plasmid Transfection-grade Plus

Higher yields. Cleaner DNA. Efficient transfections.

- Higher plasmid yields for maximum DNA recovery
- Ultra-low endotoxin levels ensuring transfection performance
- Flexible formats – Single spin and 96-well plates

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Next-generation plasmid purification for highest quality

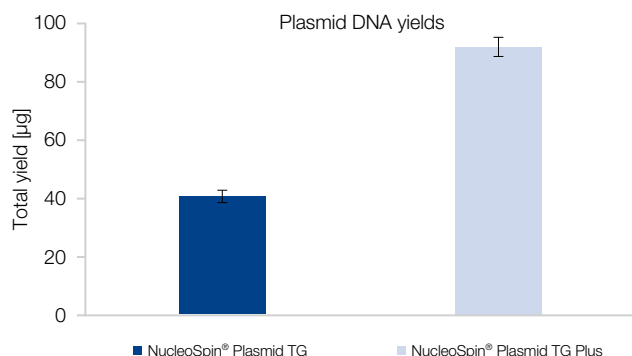
Plasmid DNA has a key role in many molecular biology and cell biology applications. The purity, yield, and endotoxin levels of plasmid DNA play a decisive role in transfection efficiency, cell viability, and reproducibility.

The new NucleoSpin® Plasmid Transfection-grade Plus kits represent a new generation of plasmid purification solutions that deliver higher plasmid yields and extremely low endotoxin levels. Available in both single spin kits and 96-well plate formats for high-throughput demands, NucleoSpin® Plasmid Transfection-grade Plus provides the reliability and flexibility required for modern research and bioproduction workflows.

Product features

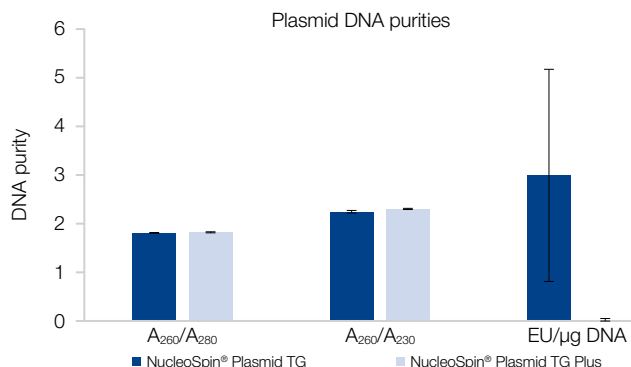
- New standard in plasmid purification
- Ultrapure DNA: ≤ 1 EU/ μ g
- More than double the yield compared to NucleoSpin® Plasmid Transfection-grade
- Available as single spin and 96-well plate version

Application data: NucleoSpin® Plasmid Transfection-grade Plus



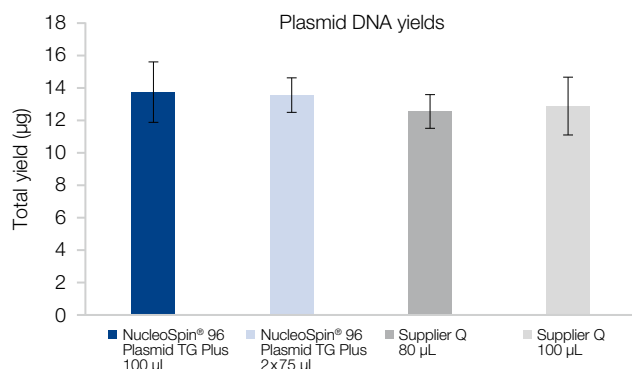
High plasmid DNA yields

Plasmid DNA from 3.2 mL bacterial cells (*E. coli*) cultivated in TB medium was isolated using NucleoSpin® Plasmid Transfection-grade and NucleoSpin® Plasmid Transfection-grade Plus (n=6). Yield was more than doubled with the new kit (TG Plus).



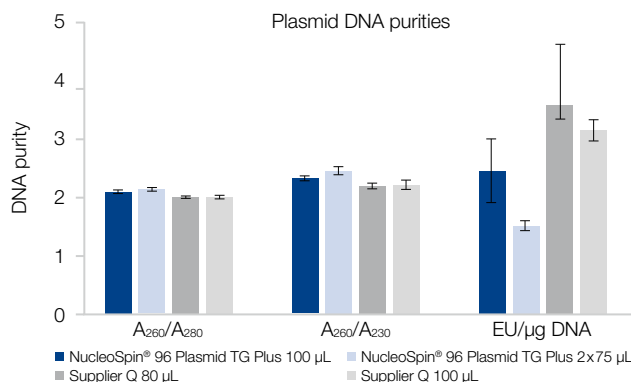
Endotoxin levels ≤ 1 EU/ μ g

Plasmid DNA from 3.2 mL bacterial cells (*E. coli*) cultivated in TB medium was isolated using NucleoSpin® Plasmid Transfection-grade and NucleoSpin® Plasmid Transfection-grade Plus (n=6). Endotoxin levels are significantly reduced with the new kit (TG Plus).



High plasmid DNA yields

Plasmid DNA from 1.5 mL bacterial cells (*E. coli*) cultivated in LB medium was isolated using NucleoSpin® 96 Plasmid Transfection-grade Plus and Supplier Q kit. Different elutions volumes (100 μ L, 2x75 μ L, 80 μ L) were used.



Isolation of ultrapure plasmid DNA

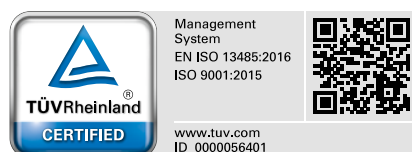
Plasmid DNA from 1.5 mL bacterial cells (*E. coli*) cultivated in LB medium was isolated using NucleoSpin® 96 Plasmid Transfection-grade Plus and Supplier Q kit. Different elutions volumes (100 μ L, 2x75 μ L, 80 μ L) were used.

Ordering Information

Product	Preps / Pack of	REF
■ NucleoSpin® Plasmid Transfection-grade Plus	10 / 50 / 250 preps	740500.10 / .50 / .250
■ NucleoSpin® 96 Plasmid Transfection-grade Plus	1 x 96 / 4 x 96 preps	740501.1 / .4
■ NucleoSpin® 96 Plasmid Transfection-grade Plus Binding Plate	24 plates	740501.24S
■ Buffer ERB	500 / 1000 mL	740495.500 / .1000

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