






Plasmid DNA Kit Selection Guide

Quality grade	Application	Scale	Typical yield	Kit name
Molecular biology (>> 50 EU/μg DNA)	Sequencing, cloning	Mini	25–45 μg	NucleoSpin® Plasmid
			25–45 μg	NucleoSpin® Plasmid (NoLid)
			15–30 μg	NucleoSpin® Plasmid EasyPure 
		8-well	5–20 μg	NucleoSpin® 8 Plasmid
		96-well	5–20 μg	NucleoSpin® 96 Plasmid
			< 8 μg	NucleoSpin® 96 Flash 
Transfection (< 50 EU/μg DNA)	Transfection (non-sensitive cells)	Mini	3–20 μg	NucleoBond® PC 20
			15–30 μg	NEW NucleoSpin® Plasmid Transfection-grade 
		96-well	5–20 μg	NEW NucleoSpin® 96 Plasmid Transfection-grade 
			Midi	500 μg
		20–100 μg		NucleoBond® PC 100
		500 μg		NEW NucleoSnap® Plasmid Midi 
		Maxi	1000 μg	NucleoBond® Xtra Maxi
			400–500 μg	NucleoBond® PC 500
			10–150 μg	NucleoBond® Xtra BAC*
			10–100 μg	NucleoBond® BAC 100*
		Mega	0.5–2 mg	NucleoBond® PC 2000
		Giga	2–10 mg	NucleoBond® PC 10000
		Endotoxin-free (< 0.1 EU/μg DNA)	Transfection (sensitive cells)	96-well
Midi	500 μg			NucleoBond® Xtra Midi EF
Maxi	1000 μg			NucleoBond® Xtra Maxi EF
	100–500 μg			NucleoBond® PC 500 EF
Mega	0.5–2 mg			NucleoBond® PC 2000 EF
Giga	2–10 mg			NucleoBond® PC 10000 EF
Preparative	80–100 mg			NucleoBond® Prep 100

: Ultra-fast procedure, EU: Endotoxin unit, * Special kit for large constructs

	NucleoSpin®	NucleoSpin® 8	NucleoSpin® 96	NucleoSnap®	NucleoBond®	NucleoBond® 96
Technology	Silica-membrane	Silica-membrane	Silica-membrane	Silica-membrane	Anion-exchange	Anion-exchange
Format	Mini spin column	8-well strip	96-well plate	Midi snap-off column	Mini–Giga column	96-well plate
Processing	Centrifugation or vacuum	Vacuum or centrifugation	Vacuum or centrifugation	Vacuum (centrifugation for elution)	Gravity-flow	Vacuum or centrifugation

