

Plasmid purification kits, ChargeSwitch®



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ChargeSwitch NoSpin micro kit

- Sample size: 0.5mL to 1mL overnight culture
- Yield $\leq 5\mu\text{g}$
- Centrifuge-free purification

ChargeSwitch Plasmid ER mini kit

- Sample size: 1mL to 5mL
- Yield: 20 μg transfection grade plasmid DNA

ChargeSwitch Yeast mini kit

- Sample size: 1mL *S.cerevisiae* culture
- Yield: $\leq 25\mu\text{g}$

The ChargeSwitch® NoSpin kits provide centrifuge-free microprep plasmid purification, ideal for automation.

The novel NoSpin reagent causes bacterial cell flocculation and allows cells to be pelleted without the need for automation bottlenecks such as centrifugation. Kits include all the necessary reagents for the number of preps listed and requires the use of a magnetic accessory.

The ChargeSwitch® Plasmid ER mini kit generates high quality plasmid DNA with an optional endotoxin reduction step. Includes all the necessary reagents for the number of preps and requires the use of a magnetic accessory.

MicroPrep kits

Catalogue No	Description	Quantity
VXCS10201	ChargeSwitch NoSpin plasmid micro kit, optimised	96 preps
VXCS1020110	ChargeSwitch NoSpin plasmid micro kit, optimised	960 preps

MiniPrep kits

Catalogue No	Description	Quantity
VXCS10100	Plasmid ER mini kit	50 preps
VXCS10203	Plasmid yeast mini kit, optimised	50 preps

Plasmid purification kits, PureLink



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For rapid isolation of plasmid DNA using a silica-based spin column.

One reaction purifies up to 40 μg of plasmid DNA from 1mL to 5mL of culture in less than 45min. Isolated DNA is free of RNA, proteins and salt, and is ready to use for automated fluorescent DNA sequencing, manual DNA sequencing, PCR*, restriction mapping, cloning, and labelling.

Prep sizes and approximate yields

Prep size	Overnight bacteria culture volume	Approximate yield
Microprep	0.5mL to 1.5mL	Up to 6 μg
Miniprep	1mL to 5mL	Up to 60 μg
Midiprep	25mL to 100mL	Up to 150 μg
Maxiprep	100mL to 500mL	Up to 750 μg
Megaprep	500mL to 2.5L	Up to 2.5mg
Gigaprep	2.5L to 5L	Up to 10mg

Catalogue No	Description	Quantity
VXK210010	PureLink™ quick plasmid miniprep kit	50 preps
VXK210011	PureLink quick plasmid miniprep kit	250 preps
VXK210002	PureLink HiPure plasmid miniprep kit	25 preps
VXK210003	PureLink HiPure plasmid miniprep kit	100 preps
VXK210001	PureLink HQ mini plasmid purification kit	100 preps
VXK210096	PureLink HQ96 mini plasmid purification kit, optimised	4 x 96 preps
VX12263018	PureLink 96 plasmid purification system, optimised	4 x 96 preps
VX12263034	PureLink 384 pre-lysis buffer, optimised	12mL
VXK210006	PureLink HiPure plasmid maxiprep kit	10 preps
VXK210007	PureLink HiPure plasmid maxiprep kit	25 preps
VXK210008	PureLink plasmid mega kit	4 preps
VXK210009	PureLink plasmid giga kit	2 preps

*Polymerase Chain Reaction (PCR) is a process covered by patents owned by Hoffman-La Roche