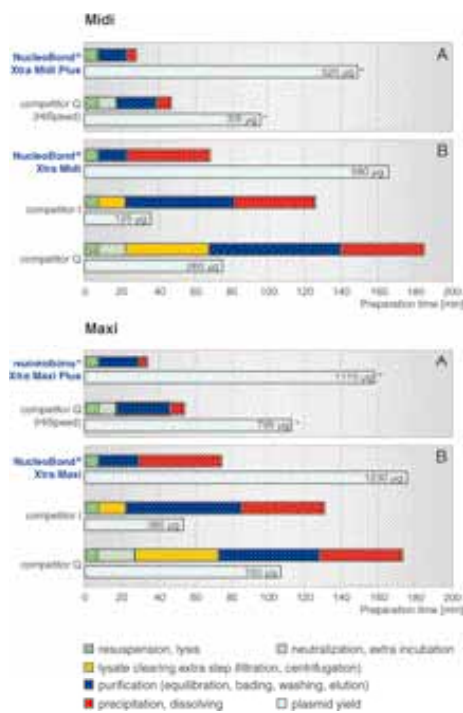


Nucleic Acid Purification

Plasmid kits - Midi, maxi, mega and giga



Higher plasmid yield in less time - comparison to competitor anion-exchange based kits.
 Plasmid DNA was isolated following each manufacturer's protocol using the maximum culture volume with high plasmid content. Yield of plasmid DNA was determined after DNA precipitation. Comparison: A) Kits including desalting tool; B) Kits without desalting tool.
 NucleoBond® Xtra: Up to 60% time saving and up to 100% higher yields compared to competitor products.

Continuation

Purification kits, plasmid, NucleoBond® Xtra



LE

Table 1.1 – Preparation time and plasmid yield – comparison to silica membrane-based kits
 Plasmid DNA was isolated following each manufacturer's protocol using the maximum culture volume with high plasmid content. Yield of plasmid DNA was determined after precipitation (NucleoBond® Xtra) and after elution from the column (competitor kits) respectively.

Kit	Plasmid yield, µg	Preparation time, min
NucleoBond® Xtra Midi Plus	520	28
Competitor S	300	37
Competitor P	90	41
NucleoBond® Xtra Maxi Plus	1115	34
Competitor S	1,030	40

Catalogue No	Alt. No	Description
NZ74041010	740410.10	NucleoBond® Xtra midi, 10 preps for isolation of plasmid DNA, buffer RES, LYS, NEU, EQU, WASH, ELU, RNase A, NucleoBond® Xtra midi columns, NucleoBond® Xtra midi column filters, plastic washers, protocol
NZ74041050	740410.5	NucleoBond® Xtra midi, 50 preps for isolation of plasmid DNA, buffer RES, LYS, NEU, EQU, WASH, ELU, RNase A, NucleoBond® Xtra midi columns, NucleoBond® Xtra midi column filters, plastic washers, protocol
NZ740410100	740410.100	NucleoBond® Xtra midi, 100 preps, isolation of plasmid DNA, buffer RES, LYS, NEU, EQU, WASH, ELU, RNase A, NucleoBond® Xtra midi columns, NucleoBond® Xtra midi column filters, plastic washers, protocol
NZ74041210	740412.10	NucleoBond® Xtra midi Plus, 10 preps, isolation plasmid DNA buffer RES, LYS, NEU, EQU, WASH, ELU, TRIS, RNase A NucleoBond® Xtra midi columns and column filters, washers, finalisers, syringes, protocol
NZ74041250	740412.50	NucleoBond® Xtra midi Plus, 50 preps, isolation plasmid DNA buffer RES, LYS, NEU, EQU, WASH, ELU, TRIS, RNase A NucleoBond® Xtra midi columns and column filters, washers, finalisers, syringes, protocol
NZ74041410	740414.10	NucleoBond® Xtra maxi, 10 preps for the isolation of plasmid DNA buffer RES, LYS, NEU, EQU, WASH, ELU, RNase A, NucleoBond® Xtra maxi columns and column filters, plastic washers protocol
NZ74041450	740414.50	NucleoBond® Xtra maxi, 50 preps for the isolation of plasmid DNA buffer RES, LYS, NEU, EQU, WASH, ELU, RNase A, NucleoBond® Xtra maxi columns and column filters, plastic washers protocol
NZ740414100	740414.100	NucleoBond® Xtra maxi, 100 preps for the isolation of plasmid DNA buffer RES, LYS, NEU, EQU, WASH, ELU, RNase A, NucleoBond® Xtra maxi columns and column filters, plastic washers protocol
NZ74041610	740416.10	NucleoBond® Xtra maxi Plus, 10 preps, isolation plasmid DNA, RES, LYS, NEU, EQU, WASH, ELU, TRIS, RNaseA, NucleoBond® Xtra maxi columns and filters, plastic washers, finalisers large, syringes, protocol
NZ74041650	740416.50	NucleoBond® Xtra maxi Plus, 50 preps, isolation plasmid DNA, RES, LYS, NEU, EQU, WASH, ELU, TRIS, RNaseA, NucleoBond® Xtra maxi columns and filters, plastic washers, finalisers large, syringes, protocol

Accessories

Catalogue No	Alt. No	Description
NZ740415	740415	Combi rack NucleoBond® Xtra
NZ740417	740417	NucleoBond® Xtra buffer set I, isolation low-copy plasmid, BAC, PAC, P1 constructs. Only applicable NucleoBond® Xtra kits for 10 maxipreps/20 midipreps, buffer RES, LYS, NEU, RNase A, Sodium hydroxide