

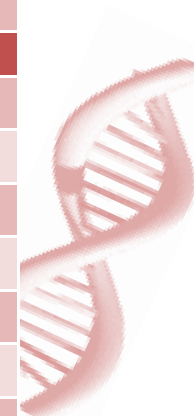
5. YOUR RESEARCH.

	FastPrep-Q Plasmid	Plasmid SV Mini	Xfection Mini Low Endotoxin	Plasmid SV Midi	Xfection Plasmid Midi Low Endotoxin	Xfection Plasmid Low Endotoxin
	Small Scale			Large Scale		
Specifications						
Format	Spin / Vacuum	Spin / Vacuum	Spin / Vacuum	Spin / Vacuum	Spin / Vacuum	Spin
Recommended sample volume	~ 5 ml	~ 5 ml	~ 5 ml	~ 50 ml	~ 50 ml	~ 100 ml
Maximum sample volume	10 ml	10 ml	10 ml	100 ml	100 ml	150 ml
Clearing of lysate	EzClear	Centrifuge	Centrifuge	EzClear	EzClear	EzClear
Preparation time	< 10 min	< 23 min	< 30 min	< 50 min	< 50 min	< 70 min
Maximum loading volume	600 ^{ul}	800 ^{ul}	800 ^{ul}	15 ml	15 ml	15 ml
Binding capacity	30 ^{ug}	30 ^{ug}	30 ^{ug}	300 ^{ug}	300 ^{ug}	300 ^{ug}
The level of endotoxin	-	-	< 10 EU/ ^{ug}	-	< 10 EU/ ^{ug}	< 0.1 EU/ ^{ug}
Recovery	85 ~ 95 %	85 ~ 95 %	80 ~ 95 %	80 ~ 95 %	85 ~ 95 %	75 ~ 90 %
Minimum elution volume	40 ^{ul}	50 ^{ul}	50 ^{ul}	500 ^{ul}	500 ^{ul}	500 ^{ul}
Applications						
Endotoxin free	-	-	-	-	-	■
Cell transfection	□	□	■	□	■	■
in vitro Transcription	■	■	■	■	■	■
Cloning	■	■	■	■	■	■
Automatic sequencing	■	■	■	■	■	■
PCR	■	■	■	■	■	■
Restriction digestion	■	■	■	■	■	■
Transformation	■	■	■	■	■	■

* FastPrep-Q Plasmid provides the alternative protocols upon plasmid copy number, host strain, culture medium, and culture volume.

** Xfection EF kit is suitable for the transfection of primary or sensitive cells.

•SV Midi/MAXI kits require the centrifuge which has a swing-bucket rotor and ability of 4,000 xg at least.



FastPrep-Q / Plasmid SV / Xfection Series (Selection Guide)

