

## SPECIFICATIONS

### Technical Information

Features	Plasmid LE mini	Plasmid LE Midi
Format	Column Type Qe with collection tube	Column Type E with collection tube
Recommended sample volume	2~10 ml LB	5~100 ml LB
Maximum sample volume	Up to 10 ml LB	Up to 100 ml LB
Lysate clearing	Centrifugation	EzClear™ Filter
Preparation time	under 30 minutes	under 50 minutes
Maximum loading volume	800 µl	15 ml
Binding capacity	30 µg	300 µg
Endotoxin level	<10 EU/µg	<10 EU/µg
Maximum Elution volume	50 µl	500 µl

### Technical Data

#### Transfection Efficiency



pGFP-N3 prepared by the methods indicated were transfected to COS-7 (blue diamond) and primary rat hippocampal astrocytes (orange square) by liposomal method. Transfection efficiencies were determined by scoring the number of green fluorescent cells 48 hours post transfection. Average transfection efficiencies are expressed as percentages relative to the efficiency obtained with DNA prepared using Exfection LE (100%) for COS-7 and Exfection™ EF (100%) for primary cells, respectively.

### Kit Contents

Plasmid LE mini (Cat. No. 111-150 / 111-102)	Plasmid LE Midi (Cat. No. 111-226 / 111-201)
mini SV column type Qe Collection tubes Buffer P1 Buffer P2 Buffer G3 Buffer EW1 Buffer EW2 Buffer EF RNase A (20 mg/ml)	Midi SV column type E EzClear™ Filter column (blue ring) Collection tubes Buffer P1 Buffer P2 Buffer G3 Buffer EW1 Buffer EW2 Buffer EF RNase A (20 mg/ml)