

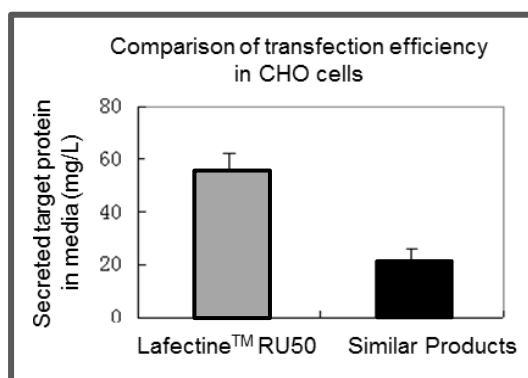
For DNA transfection in mammalian cells

PRODUCT ADVANTAGES

1. Simplest transfection protocol - just mix with DNA and vortex
2. Superior transfection efficiency
3. Highly reproducible results
4. Product stable at 4°C

DESCRIPTION

Lafectine™ RU50 is a proprietary cationic lipid-based transfection reagent for mammalian cells. The ratio of Lafectine™ RU50 to plasmid DNA is fixed at 50 µL Lafectine™ RU50 for 1 µg of plasmid DNA. Lafectine™ RU50 is formulated in a ready-to-use format - users simply add DNA and vortex the mix briefly. After a 15-minute incubation, the transfection mix can be added to cells. As judged by target protein production, the transfection efficiency of Lafectine™ RU50 is consistently higher than that of similar products.



Catalog #	Size	Price
C4502	1 bottle of 50 mL	\$495.00

Technical Specification Sheet

Lafectine™ RU50

Catalog No. C4502



For DNA transfection in mammalian cells

PROTOCOL

- 1. For each microgram of DNA to be transfected, add 50 µL of Lafectine™ RU50
- 2. Mix by vortexing for 5 seconds
- 3. Incubate the mix at room temperature for 15 minutes
- 4. Add transfection mix to cells

Culture vessel	Surface area per well	Media per well	DNA per well	Lafectine™ RU50 per well
96-well	0.3 cm ²	0.2 mL	0.25 µg	12.5 µL
24-well	2 cm ²	1 mL	1 µg	50 µL
12-well	4 cm ²	2 mL	2 µg	100 µL
6-well	10 cm ²	4 mL	4 µg	200 µL
10-cm	60 cm ²	15 mL	20 µg	1 mL