

CHAMOT

FectinMore™ Transfection Reagent

CM001-1.5T

CM001-7.5T



CHAMOT

乔默®生物

Specialize In Cytokines



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FectinMore™ Transfection Reagent

Catalog#	CM001-1.5T	CM001-7.5T
Size	1.5 mL	5*1.5 mL

Product Specifications

Background

FectinMore™ Transfection Reagent is a low cell toxicity and non-liposome reagent optimized for DNA delivery. It provides effectively, reproducibly, and affordable benefits for scientific research.

Product Note

- (1) Cell preparation: Cells should be seeded before 16 to 20 hours prior to transfection with around 70% confluence. The medium should be refreshed 30 minutes before transfection. Usually, culture medium with serum does not affect transfection.
- (2) DNA preparation: DNA plasmid for transfection should be with high purity ($A_{260}/A_{280}=1.8-1.9$) to ensure efficient transfection mixture preparation.
- (3) Mixture preparation: Guideline of DNA plasmid and FectinMore™ DNA Transfection Reagent amount and ratio refer to table 1. In brief, plasmid and transfection reagent are diluted in serum-free culture medium for 5 minutes then mixed together and tip gently for another 25 minutes.
- (4) Transfection: Add mixtures into cell culture dish/plate. The mixture could be removed after 6 to 48 hours and refilled with culture medium.

Recommended formula of transfection mixture:

Culture Dish/Plate	Medium Volume	Plasmid / Serum-free medium	FectinMore™ DNA Transfection Reagent / Serum-free medium
96-well	100 μ L	250 ng/10 μ L	0.75 μ L/10 μ L
24-well	500 μ L	500 ng/25 μ L	1.5 μ L/25 μ L
12-well	700 μ L	750 ng/35 μ L	2.25 μ L/35 μ L
6-well	1 m L	1 μ g/50 μ L	3 μ L/50 μ L
60mm dish	3 m L	2.5 μ g/150 μ L	7.5 μ L/150 μ L

100mm dish	6 m L	5 μ g/300 μ L	15 μ L/300 μ L
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Important notes

FectinMore™ DNA Transfection Reagent is recommended for use with Gibco™ Opti-MEM™ I Reduced-Serum Medium or Gibco™ OptiPRO™ SFM for alternative optimizing transfection efficiency.

Storage/Shipping

Stability & Storage

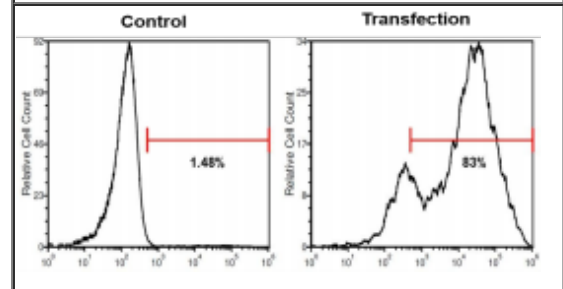
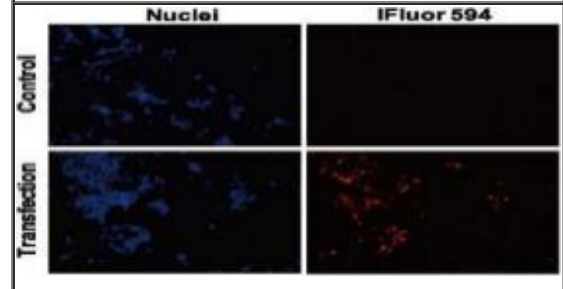
-20°C

Shipping

Blue ice

Scientific Data

· Transfected with FectinMore™(FectinMore™: DNA=3: 1) , detect the expression of target protein after 2 days.

	Proteins expression checked by western blot in specific primary antibody followed by secondary antibody (anti-Mouse IgG(H+L)- HRP).
	Proteins expression checked by FACS in specific primary antibody followed by secondary antibody (anti - Mouse IgG(H +L)- FAM).
	Proteins expression checked by immunofluorescence (IFA) in specific primary antibody followed by secondary antibody (anti - Mouse IgG -iFluor 594).

文献引用

- Collagen I-DDR1 signaling promotes hepatocellular carcinoma cell stemness via Hippo signaling repression. *Cell Death Differ.* 2023 Apr 28.
- Modular-designed engineered bacteria for precision tumor immunotherapy via spatiotemporal manipulation by magnetic field. *Nature Communications.* (2023) 14:1606.
- Low let-7d microRNA levels in chick embryos enhance innate immunity against *Mycoplasma gallisepticum* by suppressing the mitogen-activated protein kinase pathway. *Vet Res.* 2023 Jun 19;54(1):50.
- Myoglobin-loaded gadolinium nanotexaphyrins for oxygen synergy and imaging-guided radiosensitization therapy. *Nat Commun .* 2023 Oct 4;14(1):6187.
- STAT5-Mediated Transcription of miR-33-5p in *Mycoplasma gallisepticum*-Infected DF-1 Cells. *Avian Pathol.* 2023 Oct 19:1-33.

For Research Use or Further Manufacturing Only

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