


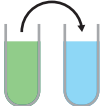

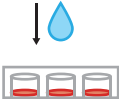



RNAiMAX 转染试剂说明书

根据下表转染细胞。转染设计用于一份RNA 与一份RNAiMAX 转染试剂组合，准备好的混合物足以进行三次（96孔）、重复（24孔）和单孔（6孔）转染，并考虑移液误差。

Timeline			Steps		Procedure Details				
Day 0	1		Seed cells to be 60-80% confluent at transfection	Component	96-well	24-well	6-well		
	2				Adherent cells	1–4 × 10 ⁴	0.5–2 × 10 ⁵	0.25–1 × 10 ⁶	
Day 1	3		Dilute Lipofectamine® RNAiMAX Reagent in Opti-MEM® Medium	Opti-MEM® Medium	25 µL	50 µL	150 µL		
	4		Dilute siRNA in Opti-MEM® Medium	Lipofectamine® RNAiMAX Reagent	1.5 µL	3 µL	9 µL		
	5		Add diluted siRNA to diluted Lipofectamine® RNAiMAX Reagent (1:1 ratio)	Opti-MEM® Medium	25 µL	50 µL	150 µL		
	6		Incubate	siRNA (10 µM)	0.5 µL (5 pmol)	1 µL (10 pmol)	3 µL (30 pmol)		
Day 2–4	7		Add diluted siRNA to diluted Lipofectamine® RNAiMAX Reagent (1:1 ratio)	Diluted siRNA	25 µL	50 µL	150 µL		
			Visualize/analyze transfected cells	Diluted Lipofectamine® RNAiMAX Reagent	25 µL	50 µL	150 µL		
					Incubate for 5 minutes at room temperature.				
					Component	96-well	24-well	6-well	
					siRNA-lipid complex per well	10 µL	50 µL	250 µL	
					Final siRNA used per well	1 pmol	5 pmol	25 pmol	
					Final Lipofectamine® RNAiMAX used per well	0.3 µL	1.5 µL	7.5 µL	
					Incubate cells for 1–3 days at 37°C. Then, analyze transfected cells.				