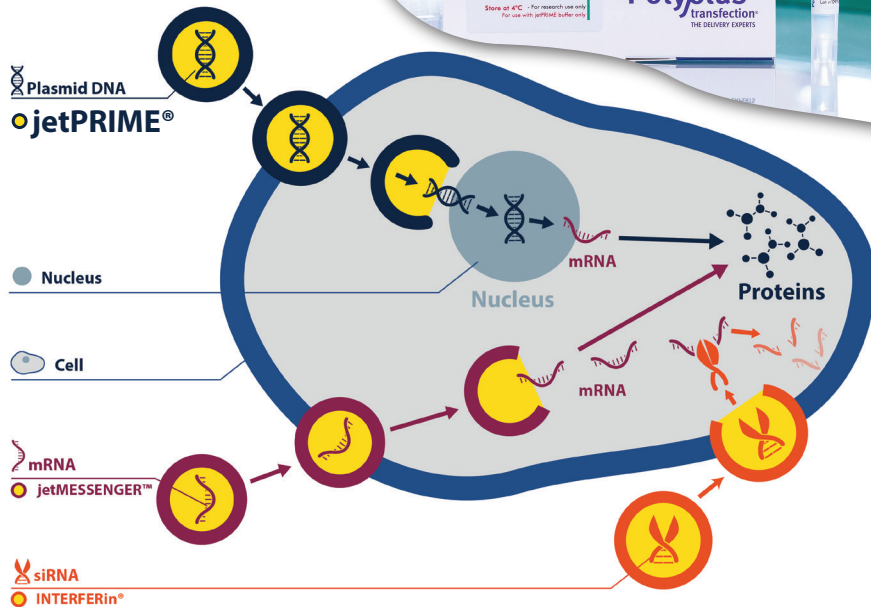


# Polyplus<sup>+</sup>



# jetPRIME®

## Reagent

jetPRIME®

## Molecule Delivered

Versatile DNA and siRNA Transfection Reagent

## Applications

Plasmid Transfection  
Genome Editing  
Virus Production  
siRNA Transfection  
Co-delivery of Different Nucleic Acids

## Cell Types

Adherent cell lines grown in presence of serum

## Number of Transfections

1.5 ml of jetPRIME® transfection reagent is sufficient to perform up to 1500 transfections in 24-well plates or 375 transfections in 6-well plates

## Storage

Store jetPRIME® at 5 °C ± 3°C.

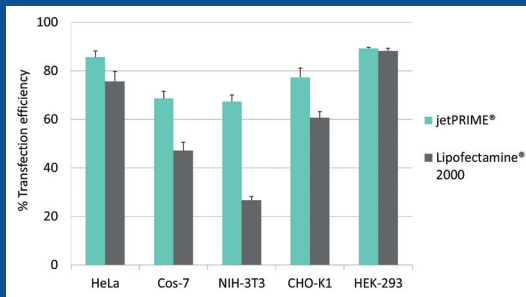
## Provided with

jetPRIME® Buffer

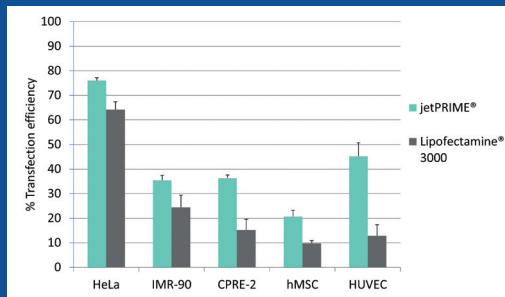
jetPRIME® is a **powerful and versatile** DNA and siRNA transfection reagent that ensures **high DNA transfection efficiency** and **excellent gene silencing** in a variety of adherent cells



# Superior Transfection Efficiency Yields Higher Transgene Expression



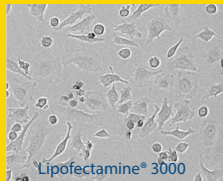
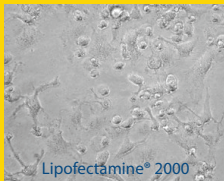
**Fig. 1: Comparative transfection efficiency of jetPRIME versus Lipofectamine® 2000.** Transfection efficiency was assessed by FACS analysis in various cell lines 24 h after transfection in 24-well plates. Conditions were used according to the manufacturer's recommendation for both Lipofectamine® 2000 and for jetPRIME®.



**Fig. 2: Comparative transfection efficiency of jetPRIME® versus Lipofectamine® 3000.** Transfection efficiency was assessed by FACS analysis in various cell lines 24 h after transfection in 96-well plates or 24-well plates. Conditions were used according to the manufacturer's recommendation for lipofectamine® 3000 and for jetPRIME®.

# Better Cell Viability

More Reliable and Reproducible Results



**Cost-effective**  
Less DNA and Less Reagent

Reagent	Volume of reagent per well	Amount of DNA per well	Number of transfection per 1.5mL vial
jetPRIME®	2 - 4 $\mu$ L	1 - 2 $\mu$ g	375 - 750
Lipofectamine® 2000	5 - 12.5 $\mu$ L	2.5 $\mu$ g	120 - 300
Lipofectamine® 3000	3.75 - 7.5 $\mu$ L	2.5 $\mu$ g	200 - 400