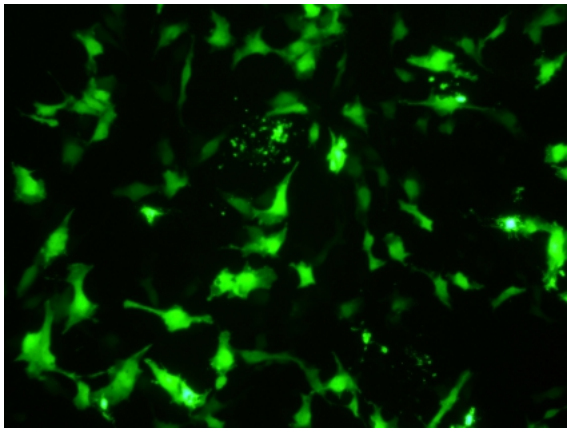
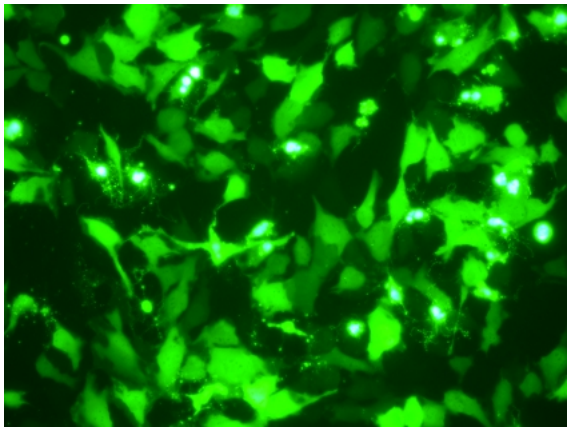
NucleoBooster – Transfection Reagent Enhancer
Results

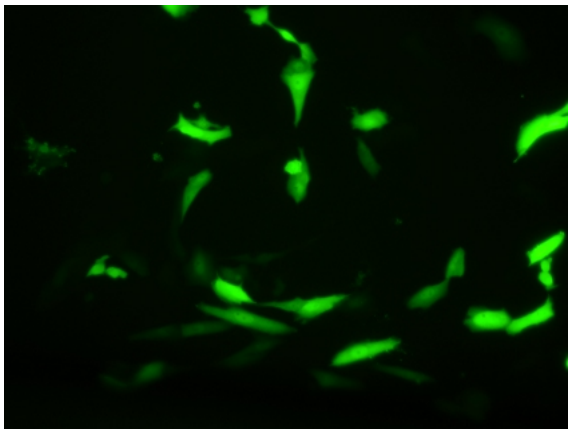
MDCK, BEAS-2B and B65 cells were transfected in a 24-well plate with a GFP-encoding plasmid and several lipid-based transfection reagents (A, B and C) according to manufacturer's protocols (left pictures below). The same transfections were also performed by using NucleoBooster at 2 µL / µg of plasmid DNA. NucleoBooster was mixed with plasmid DNA before performing transfections (right pictures below). Efficiencies were evaluated 24 h after transfections under an epifluorescent microscope.



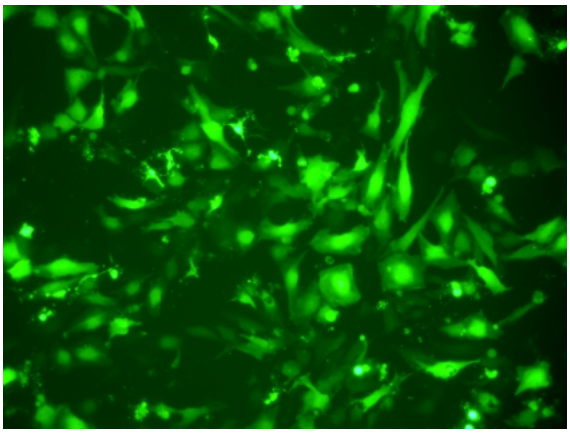
MDCK
Reagent A alone



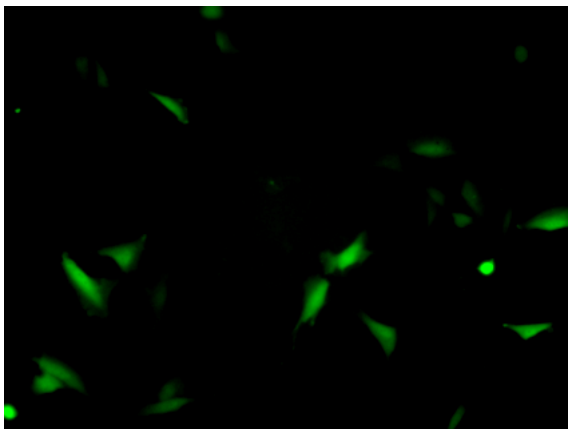
MDCK
Reagent A + NucleoBooster



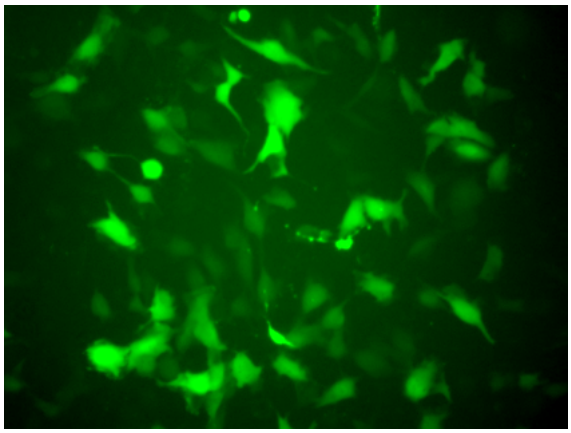
BEAS-2B
Reagent B alone



BEAS-2B
Reagent B + NucleoBooster



B65
Reagent C alone



B65
Reagent C + NucleoBooster

More results

Several cell lines were transfected in a 24-well plate with a well-known lipid based reagent (Reagent A) according to manufacturer's protocol. For each cell line, transfections were performed with and without NucleoBooster. When NucleoBooster was used, GFP encoding plasmid was mixed with NucleoBooster prior to transfections. Transfection efficiencies were evaluated 48 h post transfections by using a cytofluorimeter (Cf Figure 1 below).

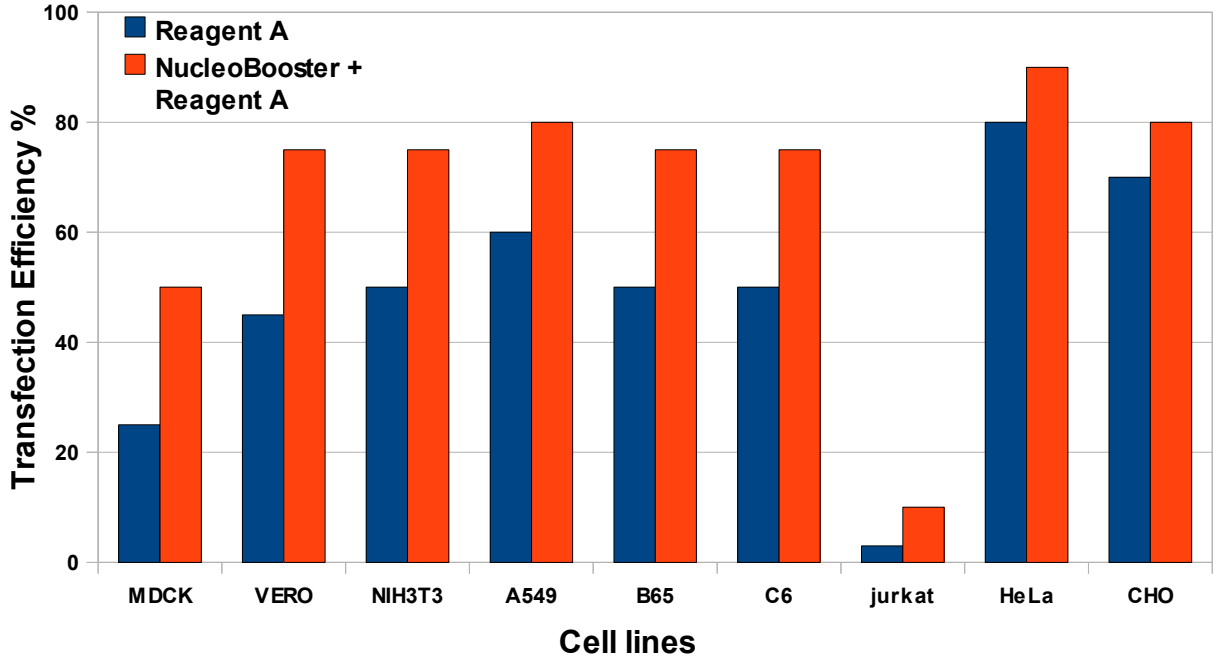


Figure 1: Transfection efficiencies with or without NucleoBooster on several cell lines

MDCK cells were transfected in a 24-well plate with 4 well-known lipid-based reagents (Reagents A, B, C and D) according to manufacturer's protocols. For each reagent, transfections were performed with or without NucleoBooster. When NucleoBooster was used, GFP encoding plasmid was mixed with NucleoBooster prior to transfections. Transfection efficiencies were evaluated 48 h post transfections by using a cytofluorimeter (Cf Figure 2 below).

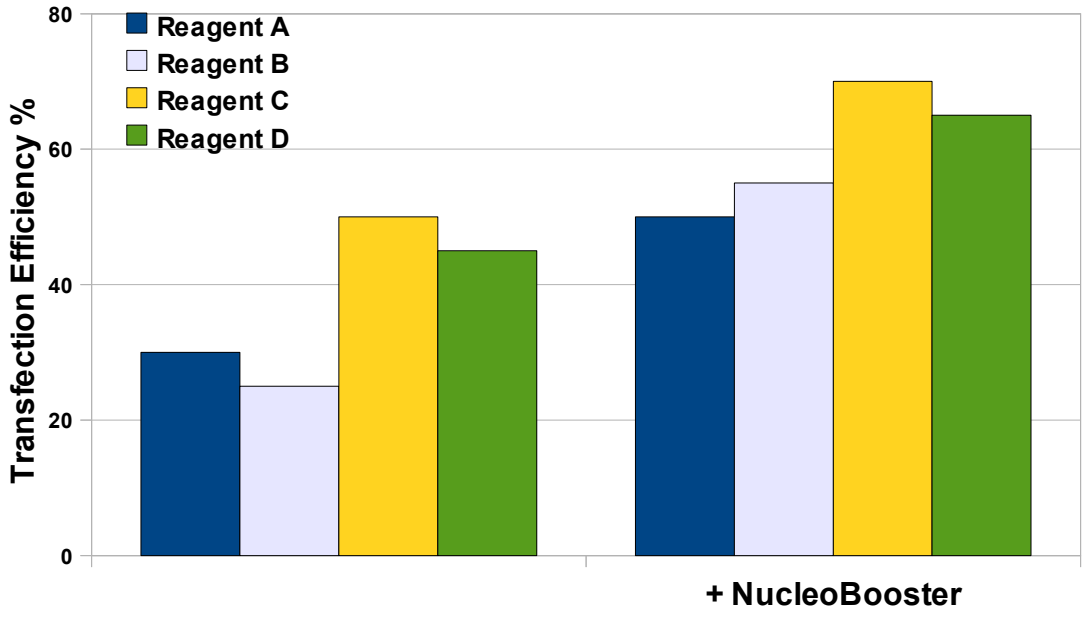


Figure 2: Transfection efficiencies of several transfection reagents with or without NucleoBooster