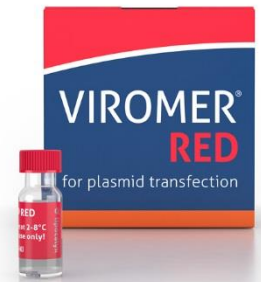


Fig.1: Uptake of a red-labeled miRNA in H9c2 rat cardiomyocytes transfected with Viromer® BLUE (6h and 72h post-transfection)

- $5 \cdot 10^5$ cells/well seeded (6-well plate format)
- next day: transfection using **30 pmol miRNA**

Data from Dr. J. Oh, Icahn School of Medicine at Mount Sinai - Cardiovascular Research Center New York (USA)



[VR-011B-00, VR-011B-01](#)

% GFP positive cells

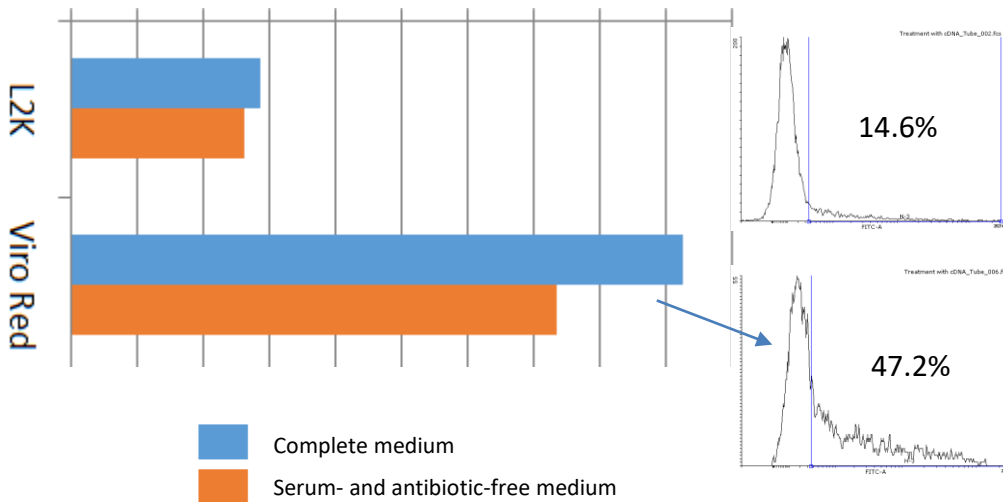
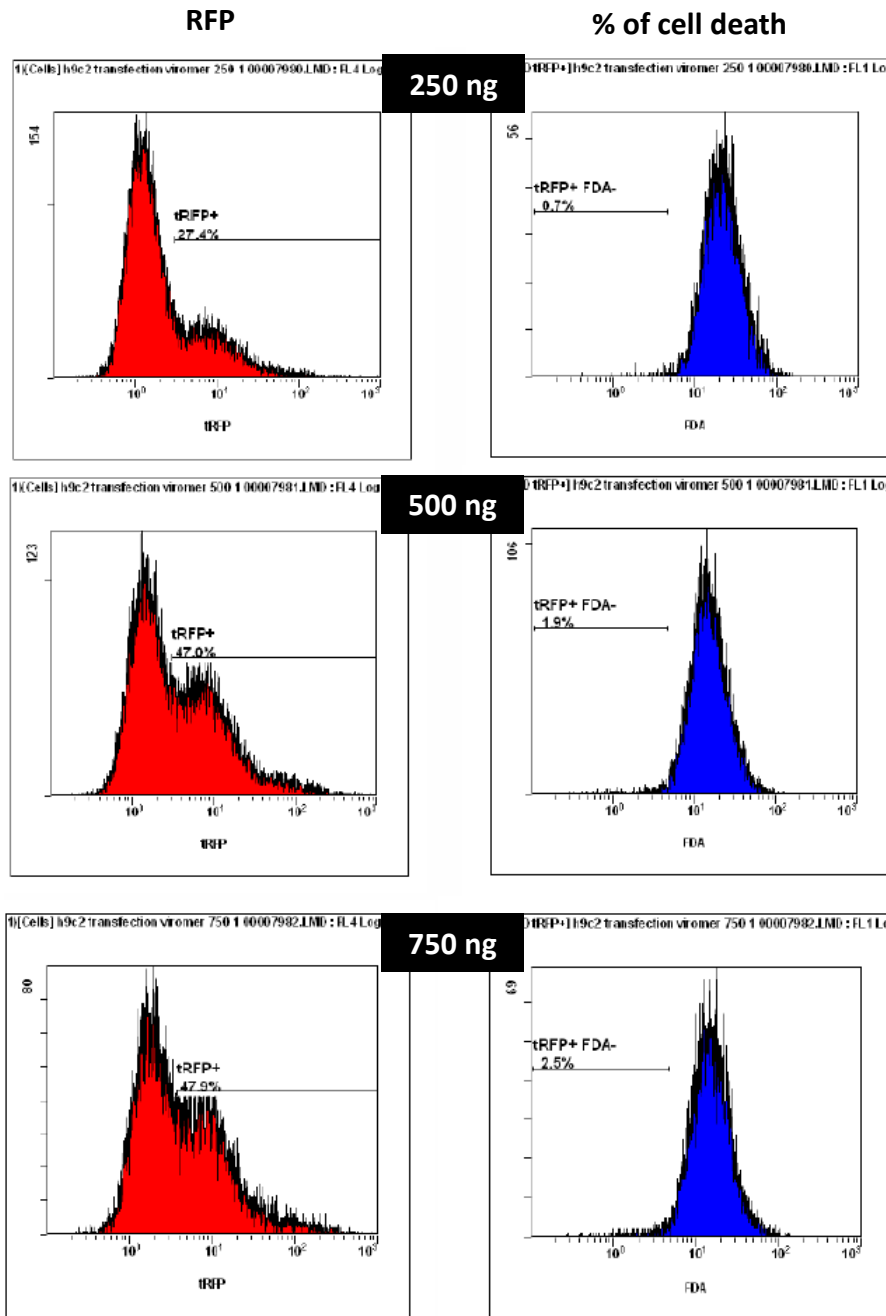


Fig.2: Comparative expression of GFP in H9c2 rat cardiomyocytes transfected with Viromer® RED and Lipofectamine® 2000

- 500ng pDNA per well in 12-well plate
- max: **47 % efficiency** in complete medium

Data from V. Jayarajan, Charité Berlin, Center for Cardiovascular Research (Germany)

H9c2: transfection of plasmid DNA



[VR-011B-00](#), [VR-011B-01](#)

- Max: **48% efficiency** with 750 ng DNA/24-well
- No toxicity
- Superior than TurboFect (15%)

Fig. 3: FACS analysis of the RFP protein expression in H9c2 rat cardiomyocytes transfected with Viomer® RED

Data from J. Pires Da Silva, INSERM U1180 Signalisation et Physiopathologie Cardiaque, Université Paris-Sud (France)

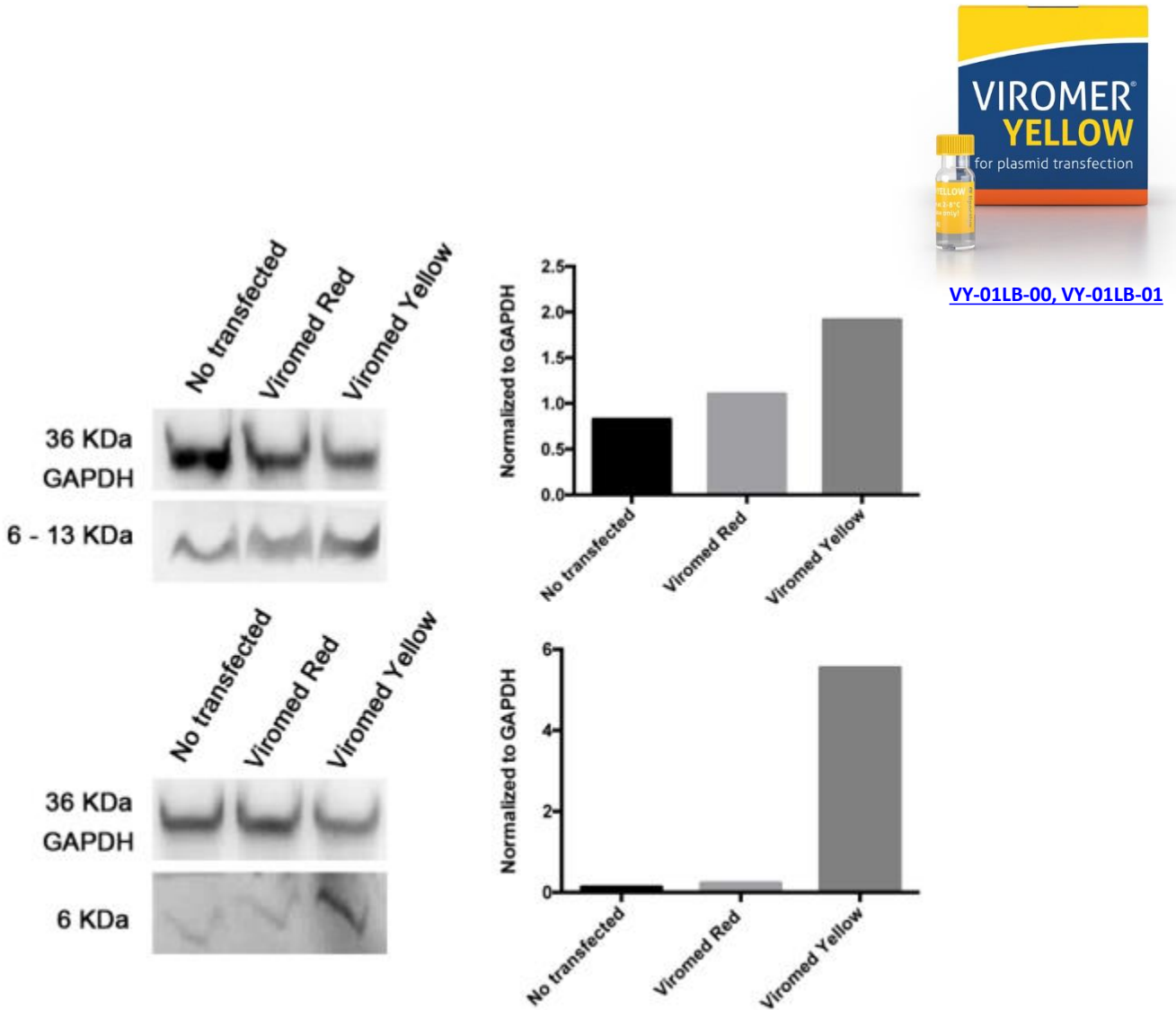


Fig. 4: Comparative expressions of 2 different proteins in H9c2 rat cardiomyocytes transfected with Viromer[®] RED and Viromer[®] YELLOW

- analyzed by western-blotting (normalized to GAPDH)
- Viromer[®] YELLOW >> Viromer[®] RED

Data from B. Morales Rodriguez, Institut de Myologie UPMC/INSERM/CNRS (Paris, France)