

Transfection efficiency test

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Plasmid transfection efficiency test using Lipofectamine Plus and Metafectene EASY

Purpose

:To compare transfection efficiency between **Lipofectamine PLUS** and **Metafectene EASY** in HeLa, NIH3T3 and WI-38 cell lines

DNA construct

:Flag-tagged human Bmal1 (1 μg)

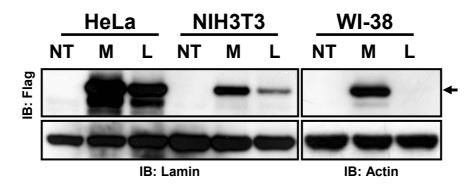
• Cell culture

: Cells were grown in DMEM supplemented with 10% fetal bovine serum (FBS, Invitrogen) and Penicillin-streptomycin (PS, Sigma) at 37°C.

Procedure

: Transfection was performed as manufacturer's protocol (12 well scale)

Result



NT: No transfection

M: Metafectene EASY

L: Lipofectamine PLUS

Discussion

:The Metafectene EASY exhibited higher transfection efficiency and lower cellular toxicity (not shown) in three cell lines tested.