



## Transfection Reagent: Roti<sup>®</sup>-Fect (P001)

Cells / Cell line: LoVo (Human Colon Carcinoma)

### Protocols and Results

#### A)

|                      |   |
|----------------------|---|
| Cell density         | 6wells, 1.5x10 <sup>5</sup> cells / ml  |
| Medium               | x   |
| DNA / RNA            | Plasmid with GFP  |
| Transfection complex | 2,5 µg Plasmid-DNA<br>+ 5 µl Roti <sup>®</sup> -Fect in serum / antibiotics-free medium<br>Formation of transfection complex for 20 mins.   |
| Transfection         | approx. 4 hrs   |
| Incubation           | in full medium (37 °C, 5 % CO <sub>2</sub> )  |
| Detection            | Fluorescence microscopy   |
| Result               | Transfection rate of approx. 20 %. Transfected cells are vital, low toxicity.<br>Enhancement of rate expected under optimization of the ratio DNA/Roti <sup>®</sup> -Fect.<br>Use of Roti <sup>®</sup> -Fect plus (Art. No. CL21) may bring better results. |

12.07.2016  
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