

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

**Cells / Cell line: HUVEC (Human umbellical vein endothelial cells)**

**Protocols and Results**



**A) antisense oligonucleotide transfection**

Cell density	gelatine-coated 6wells, ? cells / well, 90-95 % optical confluency (ca. 4-5 days)
Medium	M199 plus 10 % FCS, antibiotics, HEPES, TES, heparine, EGF
DNA / RNA	antisense oligonucleotide
Transfection complex	5 µg antisense oligo in 100 µl M199 (ser- and antibiot.-free) 10 µl Roti <sup>®</sup> -Fect in 100 µl M199 (ser- and antibiot.-free) Mix and incubate 20 mins. at RT
Transfection	in Optimem 1 medium (2 ml / well) 3.5 hrs
Incubation	erplace by fresh M199 (full) and incubate 24 h (37 °C, 5 % CO <sub>2</sub> )
Detection	Western-Blot of the extracts, PVDF membrane, chemoluminscence assay
Result	Reduction of reporter protein by over 60 %.

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