

Knock out results



RiboFect™

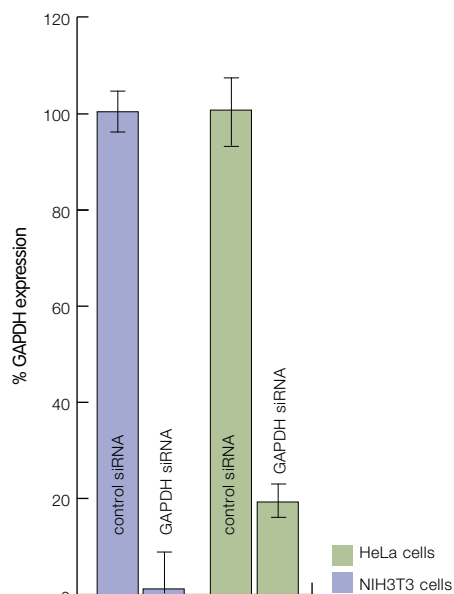
- Ideal transfection reagent for RNAi experiments
- High transfection efficiency for targeted gene silencing
- Very low cytotoxicity, enabling fewer cells to be used
- High reproducibility

RiboFect™ is a lipid-based transfection reagent designed for optimal transfection of short-interfering RNA (siRNA) into eukaryotic cells. RiboFect features extremely low toxicity to the cells and provides excellent performance for transfections in both serum-containing and serum-free media. RiboFect provides fast and effective transfection and requires minimal optimization in your assays.

RiboFect enables the use of very low levels of siRNA to knock out stable or transient gene expression in a wide variety of cell lines including HeLa and NIH3T3, with low cytotoxicity. This reduction of siRNA levels in your transfections minimizes the likelihood of off-target effects.

The reagent is simple to use and provides highly efficient delivery of siRNA to the cytoplasm, where it binds to the target mRNA. The target mRNA is degraded, resulting in inhibition of mRNA translation.

NEW



A transfection experiment was performed whereby 30nM of non-targeting siRNA (control) or GAPDH targeted siRNA were transfected into mouse NIH3T3 and human HeLa cells at 50-60% confluency with 4µl RiboFect per well in a 6-well plate. The RNA was isolated and cDNA analysed by QPCR on a Corbett Rotorgene 3000 using SYBR® Green I and Quantace Sensimix. The Graphical summary of QPCR SYBR® data shows the average % GAPDH expression in siRNA transfections, quantified by relative quantification normalising to the ubiquitin gene, using primers from Quantace Human and Mouse Normalization Panels.

RiboFect™			
DESCRIPTION	PACK SIZE	CAT NO.	PRICE
RiboFect™	750µl	BIO-46028	n.a
RiboFect™	1.5ml	BIO-46029	n.a
RiboFect™	5 x 1.5ml	BIO-46030	n.a