

Gene Tools LLC

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Gene Tools is the sole commercial supplier for research quantities of Morpholino antisense oligos world-wide. Our Morpholino oligos are the premier tools for gene knockdown in developmental biology labs and are the best gene-silencing reagents for cells in culture. Morpholino oligos are short chains of Morpholino subunits comprised of a nucleic acid base, a morpholine ring and a non-ionic phosphorodiamidate intersubunit linkage. Morpholinos act via a steric block mechanism (RNase H-independent) and with their high mRNA binding affinity and exquisite specificity they yield reliable and predictable results. They either can block translation initiation in the cytosol (by targeting the 5' UTR through the first 25 bases of coding sequence) or they can modify pre-mRNA splicing in the nucleus (by targeting splice junctions). We continually develop novel delivery systems like our 'Endo-Porter' and our soon-to-be launched in vivo delivery system, making it easy to deliver Morpholinos into cultured cells and soon into animals -- making Morpholinos the best tools for genetic studies and drug target validation programs

Recent Publications by Gene Tools LLC:



- [Achieving targeted and quantifiable alteration of mRNA splicing with Morpholino oligos.](#)
This work represents the first guide for using steric-block antisense... 12th July, 2007
Gene Tools- Biochem Biophys Res Commun. 2007 Jun 29;358(2):521-7. Epub 2007 May 7. ([DOI](#)
[Direct Link](#))

- [Lower Your Blood Pressure](#)

Discovery Health: Nov 10 2008 4:22PM Matching: gene tools llc

Gene Tools LLC Patents:



- 7285529- [Embedder compositions and methods for detecting and killing cells in acidic areas of tumors](#)
- 7132393- [Transporter compositions and methods for detecting and killing cells in acidic areas of tumors](#)
- 7084248- [Peptide composition and method for delivering substances into the cytosol of cells](#)
- 6228392- [Osmotic delivery composition, solution, and method](#)

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- the option have your press releases published on BioPortfolio and distributed via our BioNewsCast service
- an enhanced BioCorporate profile will also improve your exposure on BioPortfolio's related service InDepth and GeneDB

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