Special Introductory Offer!

N-TER™ Nanoparticle siRNA Transfection System

- **Superior** transfection of historically difficult-to-transfect cells, including primary, neuronal, differentiated and non-dividing cells.
- **Quick** delivery of siRNA into cells, with reduced cytotoxicity as compared to lipid-based reagents.
- **Stable** N-TER/siRNA nanoparticles can be stored and used for subsequent transfections, allowing for increased standardization and reproducibility.
- **Simple** protocol easily adapted for high-throughput and reverse transfection applications.

Traditional lipid-based siRNA transfection reagents exhibit a number of drawbacks, including a limited ability to transfect into a variety of cell types, such as primary, neuronal, differentiated, and non-dividing cells.

Sigma's N-TER Nanoparticle siRNA Transfection System is based on a peptide specifically designed to bypass these limitations and allow for efficient delivery of siRNAs into historically recalcitrant eukaryotic cell types.

For more information, visit us online at ***sigma.com/nter***.

N-TER has been validated to work in these cell types:

3T3-L1 differentiated Mouse, embryonic fibroblast cell line	**HEK293T** Human, embryonic kidney cell line	**MDA-MB-231** Human, breast adenocarcinoma cell line
A2780 Human, ovarian carcinoma cell line	**HeLa** Human, cervical adenocarcinoma cell line	**NHA** Human, astrocyte primary cell
A431 Human, ovarian carcinoma cell line	**Hepatocyte** Rat, hepatocyte primary cell	**NHEK-AD** Human, adult keratinocyte primary cell
A549 Human, lung carcinoma cell line	**HepG2** Human, hepatocarcinoma cell line	**RAW264.7** Mouse, macrophage cell line
ASPC-1 Human, pancreatic carcinoma cell line	**HT-29** Human, colorectal adenocarcinoma cell line	**SK-N-SH** Human, neuroblastoma cell line
Astrocytoma Human, astrocytoma cell line	**Huh-7** Human, hepatoma cell line	**SW620** Human, colorectal adenocarcinoma cell line
BSMC Human, bronchial smooth muscle primary cell	**HUVEC** Human, umbilical vein epithelial primary cell	**THP-1** Human, acute monocytic leukemia cells
C2C12 differentiated Mouse, myoblastoma line	**LA-N-2** Human, neuroblastoma cell line	**U-87 MG** Human, glioblastoma-astrocytoma cell line
C2C12 undifferentiated Mouse, myoblastoma line	**MCF-7** Human, breast adenocarcinoma cell line	**SK-N-AS** Human, neuroblastoma cell line

Try N-TER today and receive

25% OFF

Offer ends December 31st, 2009!

To take advantage of this offer, please reference the promotion code **X23** when ordering.

"Our research on the functions of West Nile Virus proteins involves looking at gene function in a number of different cell types. We tested a number of siRNA delivery reagents before using N-TER. Once we tried N-TER, we were very impressed with its ability to reproducibly deliver siRNA into our cell types of interest, with minimal cellular toxicity."

– Dr. Tom C. Hobman, Professor of Cell Biology at the University of Alberta

Ordering Information

Cat. No.	Product Description	Quantity
N2913	N-TER Nanoparticle siRNA Transfection System	120 µL 400 µL 1 mL

N-TER is a trademark of Sigma-Aldrich Biotechnology, L.P.

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