

FOR IMMEDIATE RELEASE
Laboratory Specialty Products

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Thermo Fisher Scientific Offers Sealed, Sterile Environment for Growing and Transporting Cell Cultures

The NUNC OptiCell Cell Culture System provides a highly efficient tool for cell experimentation

ROCHESTER, NY., - Thermo Fisher Scientific Inc., the world leader in serving science, have introduced the NUNC™ OptiCell® cell culture system. NUNC OptiCell provides scientists with a device that significantly reduces the time and labor required for experimental steps such as imaging, cell separation, antibody production, transfection, cloning, shipping of live cells, and short-term cryopreservation. Less than 6 mm thick, the OptiCell chamber has the same dimensions as a standard microplate providing a growth surface of 100 cm². It takes up a fraction of the space and half the media volume of 75 cm² flasks. Cells grow on clear, non-fluorescent polystyrene membrane surfaces enabling observation of live and fixed cyto-staining *in situ* with any optical device or microscope. Both adherent and non-adherent cells can be cultured in OptiCell, and the system is suitable for the production of cell by-products such as monoclonal antibodies and cytokines.

OptiCell is based on the concept of cell growth on a respiratory active membrane. The gas permeable membranes enable efficient exchange of O₂ and CO₂ for optimal cell growth. The OptiCell system is comprised of two cell culture treated polystyrene film membranes sealed onto a micro liter plate-sized frame forming a hermetically sealed, sterile growth chamber. Two self-sealing ports provide a sterile fluid path to the chamber interior for the transfer and exchange of cells and media.

Three NUNC OptiCell kits are available with accessories. OptiCell Starter and MAX kits for the 10 ml capacity OptiCell 1100 and the 30 ml capacity OptiCell MAX 2100 include a rack and tips for aseptic access to the chambers through the access ports. Transportation of live cells is facilitated with the OptiCell Mailer kit which includes breathable, absorbent sleeves suitable for courier delivery.

For more information on the OptiCell Cell Culture System from NUNC, call 1-800-446-2543 extension 7261 or visit www.nuncbrand.com.

NUNC is an ISO 13485 and 9001 certified world leader in the production and supply of laboratory plastic ware for use within molecular biology, cell culture, genomics and immunology. Nunc's name is synonymous with innovation, co-operation, quality and service. Nunc is committed to playing an important role in the development of the new products, which will help scientists to

move forward, produce results and to find industrial applications for discoveries made in pure science. Nunc is a brand of Thermo Fisher Scientific.

NUNC is part of Thermo Fisher Scientific, the world leader in serving science.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. (NYSE: TMO) is the world leader in serving science, enabling our customers to make the world healthier, cleaner and safer. With annual revenues of \$10 billion, we have more than 30,000 employees and serve over 350,000 customers within pharmaceutical and biotech companies, hospitals and clinical diagnostic labs, universities, research institutions and government agencies, as well as environmental and industrial process control settings. Serving customers through two premier brands, Thermo Scientific and Fisher Scientific, we help solve analytical challenges from routine testing to complex research and discovery. Thermo Scientific offers customers a complete range of high-end analytical instruments as well as laboratory equipment, software, services, consumables and reagents to enable integrated laboratory workflow solutions. Fisher Scientific provides a complete portfolio of laboratory equipment, chemicals, supplies and services used in healthcare, scientific research, safety and education. Together, we offer the most convenient purchasing options to customers and continuously advance our technologies to accelerate the pace of scientific discovery, enhance value for customers and fuel growth for shareholders and employees alike. Visit www.thermofisher.com.

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