



FOR IMMEDIATE RELEASE

**INVITROGEN CORPORATION EXPANDS PROTEIN ELECTROPHORESIS
PORTFOLIO WITH INTRODUCTION OF WIDE FORMAT GELS**

Carlsbad, Calif., Aug. 30, 2005-- Invitrogen Corporation (Nasdaq: IVGN) today announced the availability of an expanded set of technologies for protein electrophoresis—highlighted by its NuPAGE® Novex Midi-Gels and XCell4 SureLock™ Midi-Cell apparatus—enabling researchers to add a high-throughput, large sample volume compatible solution to their traditional protein separation applications.

The NuPAGE Novex Midi-Gels are high-resolution, neutral pH pre-cast polyacrylamide gels with a wider format (8 X 13 cm) than the traditional NuPAGE Novex Mini-Gels. The NuPAGE Novex Midi-Gels utilize the same, patented formulations as the NuPAGE Novex Mini-Gels and share performance and shelf life benefits with the well-known gel line as well. The NuPAGE Novex Midi-Gels are run in the XCell4 Surelock Midi-Cell apparatus—a new addition to Invitrogen’s classic line of vertical protein gel electrophoresis equipment. The XCell4 SureLock has the capacity to run up to four gels at a time without the need for costly water baths, pumps and stir plates.

“By utilizing our 18 years of pre-cast gel electrophoresis experience, we are able to expand our portfolio to deliver a solution to researchers looking for a higher-throughput system than our mini-gels that provides the same high quality and performance that they have come to expect,” explained Amy Butler, Business Area Manager Proteomics Segment. “This release reaffirms our position as the leading supplier of electrophoresis products—a key step in the identification and analysis of potential drug targets.”

In addition to the new mid-format gel system, Invitrogen introduced its new dual power-supply enabling researchers to power multiple electrophoresis apparatus.

The ZOOM Dual Power is a two-in-one programmable power supply capable of running high voltage/low current and low voltage/high current electrophoresis applications concurrently. The high voltage/low current side is ideal for sample fractionation, IPG strips, IEF, and DNA sequencing applications. The low voltage/high current section is designed to run DNA/RNA electrophoresis, SDS-PAGE, native PAGE, second-dimension SDS-PAGE, and blotting applications. Four sets of output jacks on each side of the unit allow for multiple apparatus to run simultaneously, offering greater workflow efficiency and higher sample throughput. The ZOOM Dual Power can be used with all of Invitrogen’s protein electrophoresis apparatus.

The NuPAGE Novex Midi-Gel system adds to a comprehensive proteomics solution that has been bolstered in recent months by the addition of robust antibody collections, mass spectrometry reagents and expression profiling technologies.

“As proteomics continues to become the emphasis of pharmaceutical and disease research, we are committed to providing an effective, optimized system of reagents, technologies and services that help scientists identify, isolate and understand the components of life,” said Butler.

About Invitrogen

Invitrogen Corporation (Nasdaq:IVGN) provides products and services that support academic and government research institutions and pharmaceutical and biotech companies worldwide in their efforts to improve the human condition. The company provides essential life science technologies for disease research, drug discovery and commercial bio-production. Invitrogen's own research and development efforts are focused on breakthrough innovation in all major areas of biological discovery, including functional genomics, proteomics, bio-informatics and cell biology, placing Invitrogen's products in nearly every major laboratory in the world. Founded in 1987, Invitrogen is headquartered in Carlsbad, Calif., and conducts business in more than 70 countries around the world. The company globally employs approximately 4,500 scientists and other professionals, and had revenues in excess of \$1 billion in 2004. Information about Invitrogen is available on the Web at www.invitrogen.com.

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Invitrogen representatives will be available for interviews today at the Human Proteome Organization's World Congress in Munich, Germany. Please contact Greg Geissman at (760) 476-7032 or Gregory.geissman@invitrogen.com to arrange an interview.

***Note to Editors: For additional product information and photos, please contact Carolyn Hawley at (858) 527-3484 or chawley@irpr.com.

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