

Irvine Scientific Offers Cell Therapy Products

The Associated Press

SANTA ANA, Calif.--(BUSINESS WIRE)--Nov 1, 2012--Irvine Scientific, a leading cell culture media/ medical device company for more than 40 years, announced their newly launched cell therapy PRIME-XV™ product portfolio as part of the company's commitment to accelerate basic research and clinical applications in cell therapy and regenerative medicine. Using their expertise in cell culture media development, PRIME-XV™ products were designed to function as part of an integrated workflow solution in culturing primary cells, where all products have been pre-validated to decrease end user qualification time. Initially, PRIME-XV™ products will comprise of a serum-free medium for the expansion of human mesenchymal stromal/ stem cells (MSCs), biopreservation solutions and extracellular matrix proteins. However, Irvine Scientific intends to expand this product line to offer other cell culture media and reagents, such as stem cell qualified fetal bovine serum, tumorsphere and neural progenitor cell expansion media. Examples of existing PRIME-XV™ products include:

- : a recombinant human matrix protein intended for the culture of human stem/progenitor cells under serum-free conditions. PRIME-XV™ MatrIS F provides an alternative substrate to the product, which has a wide variety of applications in primary cell spreading and attachment.

- : a complete, serum-free expansion medium specifically designed for the culture of primary human MSCs derived from bone marrow and adipose tissues. This medium is supplied as a convenient one 250mL bottle and is ready-to-use without the need of additional cytokine/ growth factor supplements. MSCs cultured in PRIME-XV™ MSC EXPANSION SFM out performed serum-containing medium as well as leading competitors in cell expansion studies without losing their multipotent characteristics or immune modulation functions.

- : a protein-free, defined solution intended for storage and stable shipping of cells and tissue samples under hypothermic (2-8°C) condition. By preserving cells above freezing temperature, it reduces cellular stress response associated from chilling and re-warming of cells and tissues, and retains high culture viabilities after recovery. Simply replace the culture medium with this animal component-free, cGMP manufactured product for short term storage. To recover from preservation, PRIME-XV™ Hypothermic Biopreservation Solution is removed and replaced with growth medium of choice.

As an alternative to the PRIME-XV™ Hypothermic Biopreservation Solution, Irvine Scientific also carries a protein-free, defined , which allows for cryopreservation of biologics at -80°C to -196°C.

About Irvine Scientific Irvine Scientific, a member of JX group, is a worldwide leader in the design, manufacture and distribution of medical devices, including Cell Therapy, Industrial Cell Culture, Cytogenetic and Assisted Reproductive Technology products. We are a large scale producer of advanced quality cell culture media for

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the cell therapy, industrial bioprocess, medical and diagnostic markets. Our company's extensive experience in the design of culture media, compliance with ISO and FDA regulations for class II/III medical devices and industrial scale manufacturing capacity provides our customers with unique capabilities and support. Irvine Scientific delivers products worldwide to the biopharmaceutical industry, research and medical laboratory communities.

For more information: - Visit <http://www.irvinesci.com> - Follow us on LinkedIn at http://www.linkedin.com/company/irvine-scientific?trk=tabs_biz_home

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