

Press Release

July 26 2022



FUJIFILM Irvine Scientific Launches Heavy Oil for Embryo Culture: Optimized Protection for the IVF Laboratory

Offering ideal handling viscosity with added confidence from rigorous testing procedures

SANTA ANA, Calif., July 26, 2022-- FUJIFILM Irvine Scientific, Inc., a world leader in the innovation, development, and manufacture of cell culture media and assisted reproductive technologies (ART), today announced the launch of its Heavy Oil for Embryo Culture, a sterile mineral oil with an optimal weight viscosity that provides the ideal balance between ease of use and protection.

Common concerns within the IVF Laboratory for embryo development during *in vitro* culture include media evaporation, changes in osmolality, and pH shifts due to the small volume of media used. Heavy Oil for Embryo Culture addresses those concerns with the ideal viscosity to provide an optimal *in vitro* environment for embryo development. To ensure the utmost quality, each raw material lot of Heavy Oil for Embryo Culture is validated using FUJIFILM Irvine Scientific's genetic mouse embryo assay MEGA, a bioassay with increased sensitivity for detecting embryotoxic materials when compared to traditional mouse embryo assays (MEA). Every lot of oil produced also undergoes rigorous quality testing procedures for sterility, endotoxin presence, human sperm survival, MEA, and peroxide values—all reported on the Certificates of Analysis for transparency.

"FUJIFILM Irvine Scientific continues to be the leader in providing innovative technologies in IVF with the goal of helping to build families," said Steven Geimer, executive director of the medical

business unit, FUJIFILM Irvine Scientific, Inc. "The addition of Heavy Oil for Embryo Culture to our portfolio gives customers the option to choose the viscosity that best suits their protocols and preferences. Heavy Oil for Embryo Culture is designed to provide the extra blanket of protection and stability needed to ensure the safest possible culture environment for developing embryos."

Heavy Oil for Embryo Culture is approved for sale immediately in the USA, Japan, Korea, and Hong Kong. For more information about this product, including additional territory availability, [contact us](#) or visit <https://www.irvinesci.com/assisted-reproductive-technology>.

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Photo:



For high-res image contact: lily.jeffery@zymecommunications.com

Notes to Editors

[FUJIFILM Irvine Scientific](#)

FUJIFILM Irvine Scientific, Inc., is a worldwide leader in the innovation and manufacture of cell culture media, reagents, and medical devices for researchers and clinicians. The company provides unrivaled service and quality to scientists working in biopharmaceuticals, cell therapy, and regenerative medicine, assisted reproductive technology and cytogenetics, and industrial cell culture for the large-scale production of biotherapeutics and vaccines. FUJIFILM Irvine Scientific adheres to both ISO and FDA regulations and operates dual cGMP manufacturing facilities in California, USA, and Tokyo, Japan. The company's consultative philosophy combined with expertise in cell culture and compliance provides customers with unique capabilities and support. For over 50 years, FUJIFILM Irvine Scientific has remained uniquely flexible and focused on media while becoming a strategic global leader in media products and services. FUJIFILM Irvine Scientific, Inc. is a subsidiary

of FUJIFILM Holdings America Corporation reporting to FUJIFILM Holdings Corporation. For more information visit: www.irvinesci.com/

FUJIFILM Holdings

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