

P-1[®] (Preimplantation Stage One) Media[™]



Each lot of P-1 media receives a complete laboratory evaluation including mouse embryo testing, endotoxin level, pH, osmolality and sterility testing. All results are provided in a lot-specific Certificate of Analysis.

Irvine Scientific's commitment to excellence is demonstrated by our products' performance and adherence to the industry's highest quality standards. We were one of the first companies in the USA to receive ISO 13485:2003 quality systems certification, the new rigorous international quality assurance standard designed specifically for Medical Devices.

Always refer to product insert for complete instructions for use. For more information on all of our Reproductive Products, call 1 (800) 437 5706.

P-1 Medium, the Gold Standard, are intended for use in culturing human gametes and embryos during fertilization and growth through Day 3 of development.

P-1[®] Medium was developed by Dr. Thomas B. Pool, Fertility Center of San Antonio, based upon the original HTF formula but modified to provide a glucose-free and phosphate-free environment. This formulation also contains taurine, an amino acid shown to have protective and embryogenic functions. P-1 Medium is bicarbonate-based and is designed for procedures utilizing a CO₂ incubator.

P-1[®] Medium, Catalog #99242

- Available as liquid medium in 100 mL configuration.
- Has a shelf life of 64 days from the date of manufacture
- Requires Protein Supplementation

Complete P-1[®] Medium with SSS[™], Catalog #9926**

- Available in 2 x 20 mL configuration
- Has a shelf life of 120 days from the date of manufacture
- Ready to use, supplemented with protein (10% SSS), for a final total protein concentration of 6 mg/mL.

Features and Benefits

- P-1 Medium is a simple salt solution that does not contain glucose.
- Contains Gentamicin as the antibiotic.
- Formulated with Irvine Scientific's WFI Grade Water.
- Chemicals used in Irvine Scientific's reproductive products meet USP and ACS standards, where available.

Components

Energy Substrates

Sodium Pyruvate
Sodium Lactate

Salts & Ions

Sodium Chloride
Potassium Chloride
Magnesium Sulfate
Calcium Chloride

Buffer

Sodium Bicarbonate

Essential Amino Acid (EAA)

Taurine

Antioxidant

Sodium Citrate

pH Indicator

Phenol Red

Antibiotic

Gentamicin Sulfate

*Original formulation provided by Thomas B. Pool, Ph.D., Fertility Center of San Antonio.

**CE Mark Not Applicable - Not Distributed in EU

EC REP WPIE
Schutweg 13 A
5145 NP Waalwijk, The Netherlands



CATALOG #99242, 9910 & 9926 Rev.7

Irvine Scientific - Corporate

2511 Daimler Street, Santa Ana, CA 92705
USA
Phone: 1 (949) 261-7800
Toll Free: 1 (800) 437-5706
Fax: 1 (949) 261-6522
www.irvinesci.com

Irvine Scientific - Ireland

Unit 31, Newton Business Center, Block D
Newtownmountkennedy
County Wicklow
Ireland
Phone: +353 1 281 99 20
Fax: +353 1 281 99 28

Irvine Scientific - Japan

3-17-35 Niizo-Minami
Toda-Shi
335-0026 Saitama
Japan
Phone: +81 48 433 2063
Fax: +81 48 433 2112
www.isjpn.co.jp



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