



MultiBlast Media™ are intended for use in culturing human embryos from Day 3 to blastocyst (up to Day 6).

Embryos should first be cultured to Day 3 in P-1® Medium or Early Cleavage Medium® (ECM®). MultiBlast Medium® is formulated to provide a complex array of components required for ongoing development of embryos to the blastocyst stage. This optimized formulation is based upon recent studies and publications. The component concentrations have been selected based upon those present in the physiological environment as well as experimentally optimized values shown to benefit and improve blastocyst development. MultiBlast Medium is bicarbonate based and is designed for use in a CO₂ incubator.

MultiBlast Medium® (liquid), Catalog #90139

- Available in 60 mL configuration
- Has a shelf life of 90 days from date of manufacture
- Requires protein supplementation

Complete MultiBlast Medium® with SSS™, Catalog #90141*

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

Complete MultiBlast Medium® with DSS, Catalog #90143

- Available in 2 x 20 mL configuration
- Has a shelf life of 120 days from the date of manufacture
- Already supplemented with protein (10% DSS) for a final total macromolecule concentration of 7 mg/mL

Features and Benefits

- MultiBlast Medium is a chemically defined complex medium containing glucose, alanyl-glutamine, optimized concentrations of essential and non-essential amino acids and citric acid as an antioxidant
- Formulated with WFI grade water
- Contains Gentamicin as the antibiotic
- Stored at 2-8°C

Components

Salts & Ions

Sodium Chloride
Potassium Chloride
Potassium Phosphate
Calcium Chloride
Magnesium Sulfate

Energy Substrates

Glucose
Sodium Pyruvate
Sodium Lactate (D/L)

Antioxidant

Sodium Citrate

Dipeptide

Alanyl-glutamine

Non-Essential Amino Acids (NEAA)

Alanine
Asparagine
Aspartic Acid
Glutamic Acid
Glycine
Proline
Serine

Essential Amino Acids (EAA)

Arginine
Cysteine
Histidine
Isoleucine
Leucine
Lysine
Methionine
Phenylalanine
Taurine
Threonine
Tryptophan
Tyrosine
Valine

pH Indicator

Phenol Red

Antibiotic

Gentamicin Sulfate

Buffer

Sodium Bicarbonate

Each lot of MultiBlast 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.

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*CE Mark Not Applicable - Not Distributed in the EU

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