

Blastocyst Freeze and Blastocyst Thaw Media Kit



Blastocyst Freeze and Blastocyst Thaw Media Kits consist of ready-to-use solutions designed for the cryopreservation and recovery of human blastocysts.

The Blastocyst Freeze Media Kit is composed of two media, based upon a modification of Menezo's two-step glycerol and sucrose protocol* and the Blastocyst Thaw Media Kit is a modification of Menezo's thawing protocol*.

Menezo et al.* have described protocols using a sequential media system for the cryopreservation of human blastocysts. In brief, the studies have shown that human blastocysts can be successfully cryopreserved and recovered using simplified two-step sequential media systems for each procedure. The success of these simplified protocols are at least equivalent to more complex, multi-step procedures*.

Blastocyst Freeze Media Kit, Catalog #90108

Blastocyst Freeze Medium-F1, 3 x 10 mL
Blastocyst Freeze Medium-F2, 3 x 10 mL

Blastocyst Thaw Media Kit, Catalog #90110

Blastocyst Thaw Medium-T1, 3 x 10 mL
Blastocyst Thaw Medium-T2, 3 x 10 mL

Features and Benefits

- Convenient, ready-to-use sequential media kits, each consisting of either two media for cryopreservation (Blastocyst Freeze Media Kit) or two media for the thawing of blastocysts (Blastocyst Thaw Media Kit).
- Simplified and rapid protocol. Refer to product inserts for detailed usage instructions.
- Each medium is buffered with HEPES to maintain proper pH during cryopreservation and thawing procedures in the absence of CO₂. Use of a CO₂ incubator is not required.
- Gentamicin is included in each medium as an antibiotic.
- Store at 2°C to 8°C.
- Shelf-life of 6 months

Media Composition

Kit	Blastocyst Freeze Media		Blastocyst Thaw Media	
Kit Part #	90108		90110	
Basal Medium and Protein	Modified HTF (containing 21mM HEPES buffer) supplemented with 12mg/mL HSA and 10 µg/mL gentamicin sulfate			
Glycerol	5%	9%	0	0
Sucrose	0	0.2 M	0.5 M	0.2 M

*Data on file

Each lot of Blastocyst Freeze and Thaw 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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CATALOG #90108 & 90110 Rev.6

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