

Certificate of Analysis



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Product Details

Product description: Blastocyst Medium
Product code: BLM-20
Lot number: J000007440
Expiry date: 06 Jul. 2026

Intended Use

Blastocyst Medium is used to provide necessary nutrients for embryo development *in vitro* from the cleavage stage to the blastocyst stage. The embryos may remain in this solution for up to 3 days prior to being transferred to the uterus.

USA only: Gems Blastocyst Medium is for *in vitro* culture of embryos from the cleavage stage to the blastocyst stage of development. This medium can be used for transfer of blastocyst stage embryos into the uterus.

Caution: Federal law (USA) restricts this device to sale by or on the order of a physician or practitioner trained in its use.

Product Analysis

Assay	Specification	Result
pH at 37°C with 6 % CO ₂	7.25 – 7.45	Pass
Osmolality	285 – 295 mOsm/kg	Pass
MEA	MEA (1-cell): ≥80% developed to blastocyst stage or beyond by 96 hours	Pass
Endotoxin	<0.40 EU/mL	Pass
Sterility	No Growth	Pass
HSA Analysis	3.75 - 6.25 mg/mL	Pass
Gentamicin	0.0075 – 0.0125 mg/mL	Pass

Product passed and released by Quality

Signature:  Electronically signed by: Daire Dowling
Reason: QA Approval
Date: Sep 5, 2025 15:38:24 GMT+1

Name: Dáire Dowling
Job Title: Quality Assurance Associate
Date: 05 Sep. 2025

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Final Audit Report

2025-09-06

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