

Certificate of Analysis



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Product Details

Product description: Blastocyst Medium
Product code: BLM-20
Lot number: J000007859
Expiry date: 07 Apr. 2027

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: Caitlin De Cruz
Reason: QA approval
Date: May 27, 2026 10:09:37 GMT +10

Name: Caitlin De Cruz

Job Title: Quality Assurance Associate

Date: 27 May. 2026







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Final Audit Report

2026-05-27

| | |
|-----------------|--|
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| Status: | Signed |
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