

Certificate of Analysis



Product Name/Description: Cellartis® MSC Xeno-Free Culture Medium

Cat. #: Y50200

Lot #: Specified on product label

Storage Conditions: 4 degrees C and -20 degrees C

Expiration Date: Specified on product label or package

Package Size: 1 Kit

Package Contents:

| | |
|---|--------|
| 1. Cellartis MSC Xeno-Free Basal Medium | 475 ml |
| 2. Cellartis MSC Xeno-Free Supplement | 25 ml |

Note:

Cellartis MSC Xeno-Free Basal Medium

- Store at 4°C. Do not freeze.
- Once Cellartis MSC Xeno-Free Supplement is added to this product, it must be used within one month.

Cellartis MSC Xeno-Free Supplement

- Store at -20°C.
- Once this product is thawed, it must be used immediately.
- Do not re-freeze.

Product Documents: Documents for Takara Bio products are available for download at www.takara-bio.com

Quality Control Data:

Cellartis MSC Xeno-Free Basal Medium

| Test Items | Specifications | Results |
|-------------------|----------------|---------|
| 1) Sterility Test | Negative | Passed |
| 2) Endotoxin Test | <1.0 EU/mL | Passed |
| 3) pH | 7.1-7.5 | Passed |
| 4) Osmolality | 290-320 | Passed |

Cellartis MSC Xeno-Free Supplement

| Test Items | Specifications | Results |
|-------------------|----------------|---------|
| 1) Sterility Test | Negative | Passed |
| 2) Endotoxin Test | <10.0 EU/mL | Passed |

Cellartis MSC Xeno-Free Culture Medium

| Test Items | Specifications | Results |
|-------------------|-----------------------------|---------|
| hMSC Culture Test | | |
| Proliferation | ≥70% of control growth rate | Passed |
| Purity | CD73, CD90, CD105: ≥90% | Passed |

It is certified that this product meets above specifications.

Manager, Quality Assurance
TAKARA BIO INC.

Safety Information :

Please refer to our website for safety information :
<http://www.takara-bio.com>

Notice To Purchaser :

This product is not intended for human in vivo applications. It is the end user's responsibility to ensure that the final product meets the requirements of the application for which it is to be used.

Takara products may not be resold or transferred, modified for resale or transfer, or used to manufacture commercial products without written approval from TAKARA BIO INC.

If you require licenses for other use, please contact us by phone at +81 77 565 6973 or from our website.
<http://www.takara-bio.com>

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