

Corning® MSCulture Max™ Media

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Over the past decade, stem cell research has made significant strides and has increasingly been applied as a therapeutic method for various disorders. Stem cells, by definition, are specialized cells naturally found in most body tissues, capable of self-renewal and differentiation into diverse cell types.

Various types of stem cells are under investigation for therapeutic applications, and their progress towards clinical use varies. Among these, mesenchymal stem/stromal cells (MSCs) have been leading the way, outpacing other multipotent and pluripotent cell types. MSCs boast a diverse biological toolkit that can be harnessed for therapeutic purposes.

Corning's new MSCulture Max media increase final hMSC yields, streamlines culture, reduces in-process risk, and eliminates media exchanges, enabling higher cell expansion with less media and fewer media changes. The MSCulture Max media consist of a basal medium and supplement with 3 versions available:

- ▶ Standard research-grade medium for MSC expansion
- ▶ Xeno-free research-grade medium optimized for rapid MSC expansion
- ▶ Xeno-free GMP-grade medium for bioproduction

NOTE: The basal medium and supplement must be combined to make MSCulture Max media complete per the Instructions for Use (CLS-AN-899DOC NA+LA).

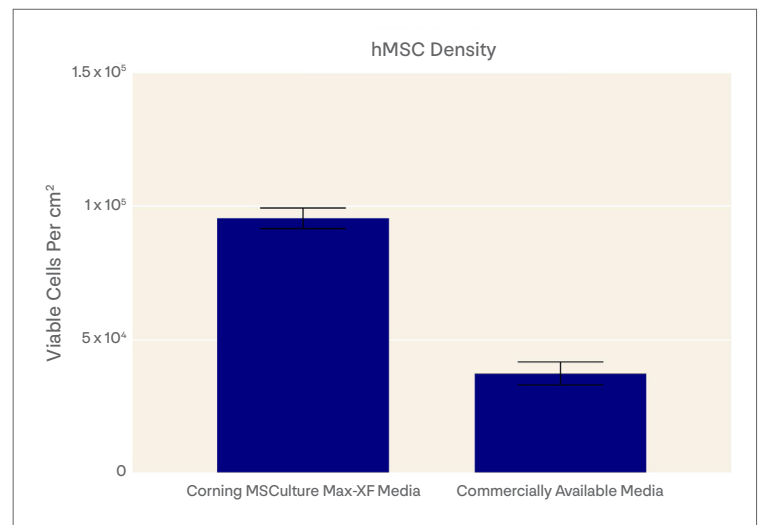


Features

- ▶ High-performance expansion media for batch culture systems
- ▶ No media exchanges required
- ▶ No surface coating required

Benefits

- ▶ **Unparalleled productivity:** Achieves over 10-fold hMSC expansion within 4-5 days without media changes, significantly reducing time and labor costs.
- ▶ **Transition-friendly formulation:** Supports translation from research into clinical manufacturing through research and xeno-free formats. Xeno-free MSCulture Max media is also available in a GMP-grade version.
- ▶ **Scalable and efficient bioprocessing:** Enables high-volume cell production with minimal media consumption.



Ordering Information

Corning® MSCulture Max™ Media

Cat. No.	Description	Includes (Cat. No.)	Shelf Life	Shelf Life of Mixed Basal Medium and Corresponding Supplement
42-000-KIT	Corning MSCulture Max media, standard research-grade	Basal medium (42-010-CV)	18 months	2 weeks
		Supplement (42-000-CR)	2 years	
42-100-KIT	Corning MSCulture Max-XF media, xeno-free research-grade	Basal medium (42-010-CV)	18 months	2 weeks
		Supplement (42-100-CR)	2 years	
42-200-KIT	Corning MSCulture Max-GMP media, xeno-free GMP-grade	Basal medium (42-010-CV)	18 months	1 week
		Supplement (42-200-CR)	3 years	

NOTE: The basal medium and supplement must be combined to make MSCulture Max media complete per the Instructions for Use (CLS-AN-899DOC NA+LA) to achieve optimal MSC expansion performance.

Storage and Shipping Information

The basal medium should be stored at 2°C to 8°C (protected from light), while the supplement should be stored at -35°C to -15°C. Components are shipped separately based on temperature requirements and may arrive in two different shipments on different dates.

How to Purchase: For specific availability in your region and purchasing options, terms and conditions of sale, customer/product support, and certificates, visit www.corning.com/how-to-buy.

Warranty/Disclaimer: Unless otherwise specified, all products are for research use or general laboratory use only.* Not intended for use in diagnostic or therapeutic procedures. Not for use in humans. These products are not intended to mitigate the presence of microorganisms on surfaces or in the environment, where such organisms can be deleterious to humans or the environment. Corning Life Sciences makes no claims regarding the performance of these products for clinical or diagnostic applications. *For a listing of US medical devices, regulatory classifications or specific information on claims, visit www.corning.com/resources.

Corning's products are not specifically designed and tested for diagnostic testing. Many Corning products, though not specific for diagnostic testing, can be used in the workflow and preparation of the test at the customers discretion. Customers may use these products to support their claims. We cannot make any claims or statements that our products are approved for diagnostic testing either directly or indirectly. The customer is responsible for any testing, validation, and/or regulatory submissions that may be required to support the safety and efficacy of their intended application.

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