CAPTIVATE BIO

WANTED: BRAND AMBASSADORS

LOOKING FOR A FEW GOOD SCIENTISTS

Interested in becoming a Captivate Bio Brand Ambassador and earning free stuff? Captivate Bio is currently looking for a few good scientists who are working with human MSCs to test and provide sample data using our newly launched **RESiVATE™ MSC Expansion Media**. Test with or without the supplement and provide feedback, data, or images then earn free product, access to exclusive offers, and more.

Learn more about RESiVATE™ on the next page.

www.captivatebio.com

A New Generation of Xeno-Free Culture Media for MSC Research

Introducing RESiVATE™ – a new generation of xeno-free cell culture media designed for the rapid expansion of human mesenchymal stem cells (MSCs). RESiVATE™ MSC Expansion Kit is a cost-effective and growth factor rich culture system that enables scientists the ability to customize culture conditions on the fly. Available with or without the supplement, the RESiVATE™ MSC Basal Medium is a baseline formulation that does not contain proteins or unknown supplements, leaving you in full control of your experimental conditions.

Features

- Complete kit contains growth factors and supplements to support rapid hMSC growth
- Basal medium provides flexibility with various supplementation strategies (ex: HPL, FBS, or HSA)

PRODUCT NAME	CAT. NO.	SIZE
RESiVATE™ MSC Expansion Kit	CBMSKT	1 Kit
RESiVATE™ MSC Basal Medium	CBMS01	500 mL

None of the above components contain antibiotics.

Ready to test Captivate Bio's RESiVATE™ MSC Expansion Media?

Call our team today at (617) 607-4017 or email team@captivatebio.com to get started!

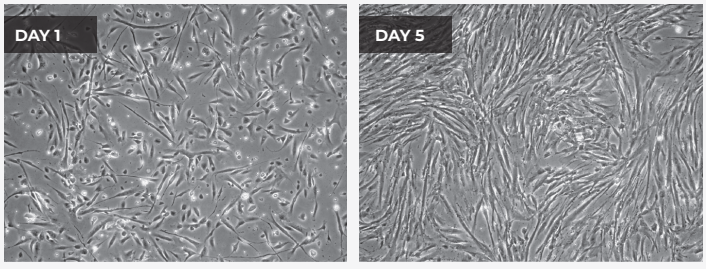
Brand Ambassador Spotlight

Expansion of human bone marrow derived mesenchymal stem cells (BM-MSCs) in RESiVATE MSC Expansion Media is comparable to FBS-containing media in terms of morphology and growth characteristics. Results shown provided by EverCell Bio, a leading stem cell services organization located in Natick, MA, USA.

TYPICAL MORPHOLOGY

BM-MSCs exhibit typical spindle/fibroblast-like cell morphology when cultured in RESiVATE MSC Expansion Medium.

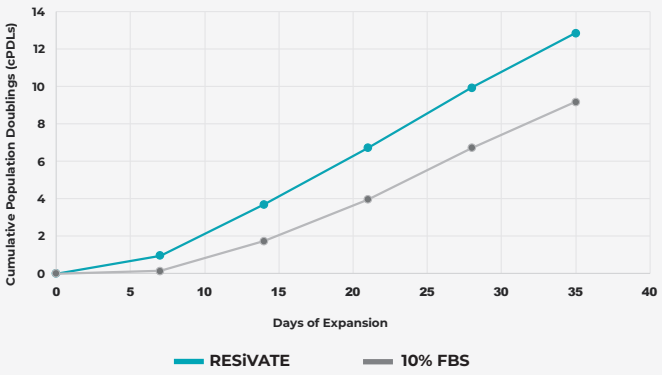
Results. Expansion of BM-MSCs cultured in RESiVATE MSC Expansion Medium. MSCs were seeded at 8,000 cells/cm² on day 0 with image captured on day 1 and day 5 during initial passage. Typical "shoalike" morphology of MSCs was observed.



SUPERIOR PROLIFERATION

hMSCs cultured in RESiVATE MSC Expansion Media exhibit higher proliferation rates and long-term growth compared to MSCs cultured in FBS-containing media.

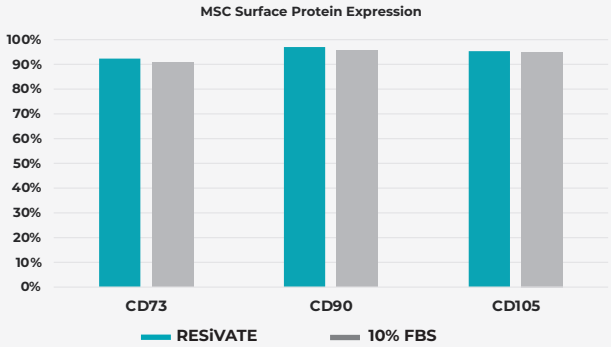
Results. Isolated BM-MSCs were cultured in RESiVATE MSC Expansion Medium or FBS-containing media on fibronectin for 5 passages. Cell counts and viability was obtained using live/dead stain AO/PI before replating at density of 8,000 cells/cm².



PURER POPULATIONS

hMSCs expanded in RESiVATE MSC Expansion Media maintained high protein expression of CD73, CD90 and CD105 after multiple passages.

Results. BM-MSCs were cultured in RESiVATE MSC Expansion Medium or control media (10% FBS) for 5 passages before performing phenotypic staining for MSC markers CD73, CD90 and CD105. Protein expression for typical MSC markers was maintained as high or higher compared to MSCs grown in FBS-containing media.



MORE COLONIES

hMSCs cultured in RESiVATE MSC Expansion Media yielded more colonies than MSCs cultured in control media (10% FBS).

Results. After 3 passages, BM-MSCs were seeded at 50 cells/cm² and cultured in RESiVATE MSC Expansion Medium or FBS-containing media for 10 days before fixing and assessing colony formation. More colonies were observed in MSCs cultured in RESiVATE MSC Expansion Media.