

Polyamine Solution 1000X

Rapidly boost cell growth

The Captivate Bio Polyamine Supplement 1000X is a widely used, general media supplement specially formulated to boost cell growth for enhanced viral and protein expression.

Polyamine Supplement 1000X is also used in the small molecule supplementation strategy known as CEPT (Chen et. al. 2021). When used in combination with the Captivate Bio CET Cocktail (Cat. No. CET01B), polyamine enhances viability of human pluripotent stem cells (hPSCs) and survival of pluripotent and differentiated cells during cryopreservation, organoid formation, single-cell cloning, and genome editing. The CEPT strategy allows for safe, controlled, and efficient strategies for the generation, expansion, differentiation, and banking of stem cell-based therapeutic products.

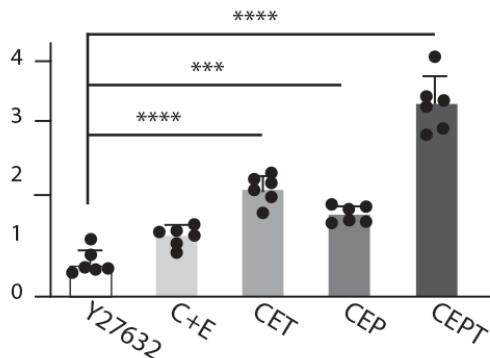
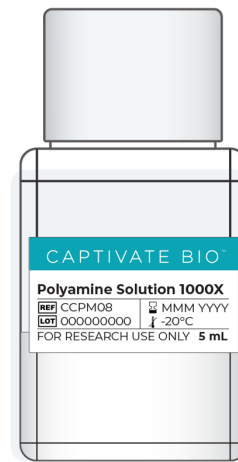


Figure 1. Cell survival. hPSCs were seeded as single cells at an ultra-low density of just 25 cells/cm². Data represents various Y27632, Chroman (C), Emricassan (E), and Trans-ISIRB (T) small molecules with a polyamine solution (P). Improvements are seen in cell survival when using CET and CEPT combinations over Y27632. Chen, Y. et. al. 2021.



Versatile solution - routinely used with serum-free cultures



Efficient growth - enhanced cell growth



Easy ordering - ships in 24 hours

SPECIFICATIONS

Cat. No.	CCPM08	Appearance	Clear, Colorless
Sterility	Sterile-filtered	Form	Liquid
Shelf-Life	-20°C for 24 months or 2-8°C for 12 months		
Storage	Aliquots should be stored at -20°C or below and used within one month. Whenever possible, aliquots should be used on the same day.		
Use	1 mL supplement per 1 L of medium		

ORDERING INFORMATION

DESCRIPTION	SIZE	CAT. NO.
Polyamine Solution 1000X	5 mL	CCPM08

For more information, visit [captivatebio.com](https://www.captivatebio.com), email orders@captivatebio.com, or contact us at (617) 607-4017.