



## OptiViro<sup>®</sup> 293 Cell Serum-free Medium

## Product Overview

OptiViro® 293 Cell Serum-free Medium HE01 is designed high-density culture of suspension HEK293-derived cells, it is serum-free, xeno-free, and is suitable for recombinant protein and virus (Lentivirus, Adeno-Associated virus, etc.) production.

## Product Features

1. Serum-free, xeno-free, chemically defined (CD).
2. Support high-density culture of suspension HEK293-derived cells.
3. Robust 293 cells expansion with high viability.
4. High transfection efficiency, high protein yields and high virus titer.
5. GMP grade, facilitate regulatory approval.

## Product Data

### A 293F Cells

OptiViro® 293 Cell Serum-free Medium HE01 supports higher VCD and better cell survival in batch culture (Figure a, b); also supports a higher Lentivirus titer (Figure c) and IgG titer (Figure d) after transfection.

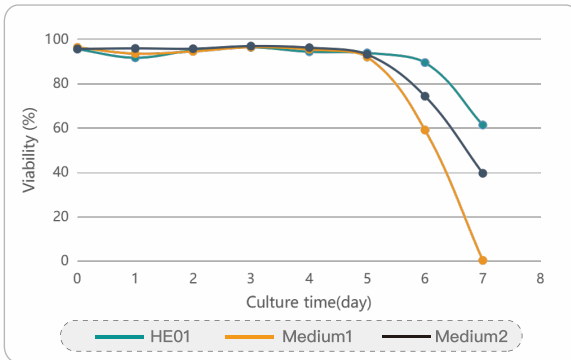


Figure a. Cell viability curve, batch culture.

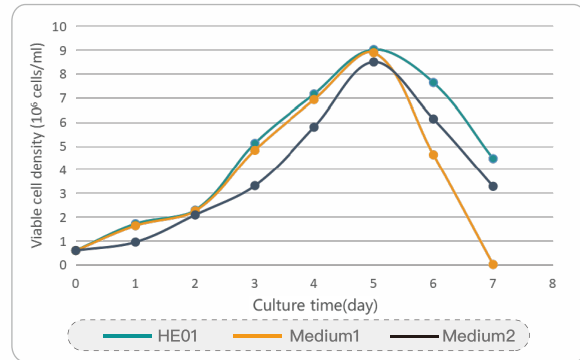


Figure b. Viable cell density (VCD) curve, batch culture.

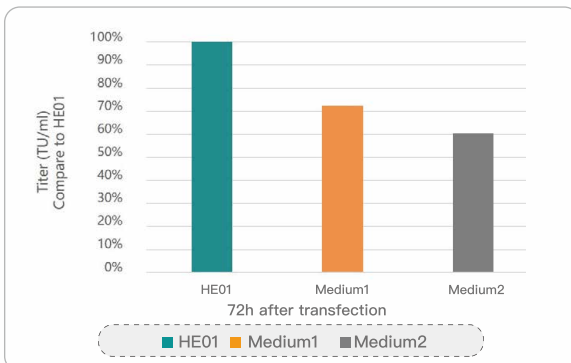


Figure c. Lentivirus titer.

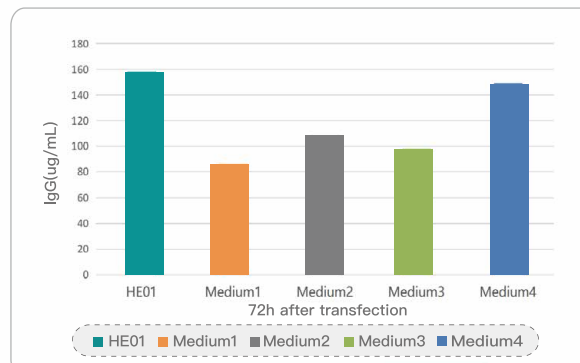


Figure d. IgG titer.

## B 293T Cells

OptiVibro® 293 Cell Serum-free Medium HE01 supports higher VCD and better cell survival in batch culture (Figure a, b); also supports a higher Lentivirus titer (Figure c) after transfection.

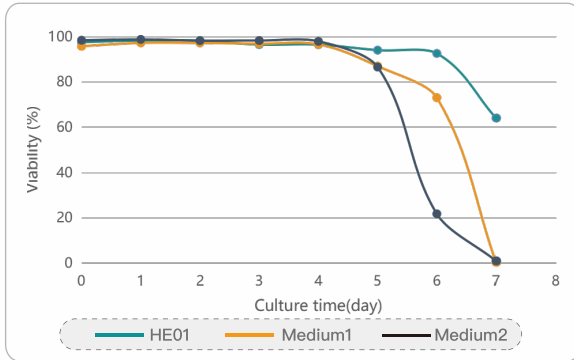


Figure a. Cell viability curve, batch culture.

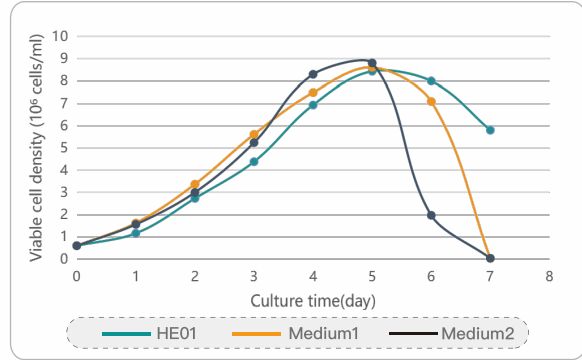


Figure b. Viable cell density (VCD) curve, batch culture.

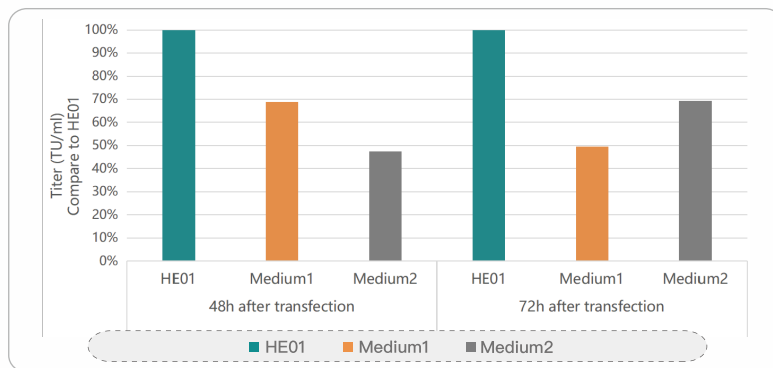


Figure c. Lentivirus titer.



## Product Information

Product Name	Catalog No.	Amount*
OptiVibro® 293 Cell Serum-free Medium HE01	HE000-N012	1 L
	HE000-N011	500 mL
OptiVibro® 293 Cell Serum-free Medium HE01 (powder)	HE000-N021	1 L
	HE000-N022	10 L
	HE000-N023	50 L
	HE000-N024	100 L

\*Need to add Glutamine to a final concentration of 6mM.

**Support suspension system with scalable protocols from shake flask to bioreactor scale**

- High-density culture
- High viability
- High virus titer
- High protein yields
- GMP grade



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