

# IMMORTELLE

VERO suspension culture medium.

Serum free, animal component free, for maximal virus production.

## BENEFITS

Developed to maximize virus production with VERO suspension cells. The medium provides equivalent or higher growth of VERO suspension cells when compared to serum-containing medium. The medium offers **Simplicity**: Ideal from bench to manufacturing scale.

**Serum-free and animal component free:** Reduces the risk for animal derived contaminants.

**Fully defined:** It doesn't contain hydrolysates or other complex additives. Thus, process variability is reduced.

**Antibiotic-free:** No risk of antibiotic traces, hidden contamination and endotoxins.



## PRODUCT INFORMATION

IMMORTELLE medium is free of serum, animal components and hydrolysates. The medium is developed for maximal virus production in VERO suspension cells in large scale.

IMMORTELLE medium is easy-to-use and suitable for large scale application.

## APPLICATION

IMMORTELLE medium is dedicated to maximal production of wide range of viruses, e.g. adeno virus, lenti virus, influenza virus.

The medium is specifically developed for suspension VERO cells for cultivation in large scale. Thus, scale up of VERO cells will no longer be a limiting factor in a microcarrier-free cultivation.

## MEDIUM SPECIFICATION

Name	IMMORTELLE
Regulatory	Serum-free, animal component free, hydrolysate free, antibiotic free
Available Form	Liquid
Cell Line	VERO suspension cells
Storage Condition	2-8 °C, protect from light
Application	For research and manufacturing

## IMMORTELLE PERFORMANCE

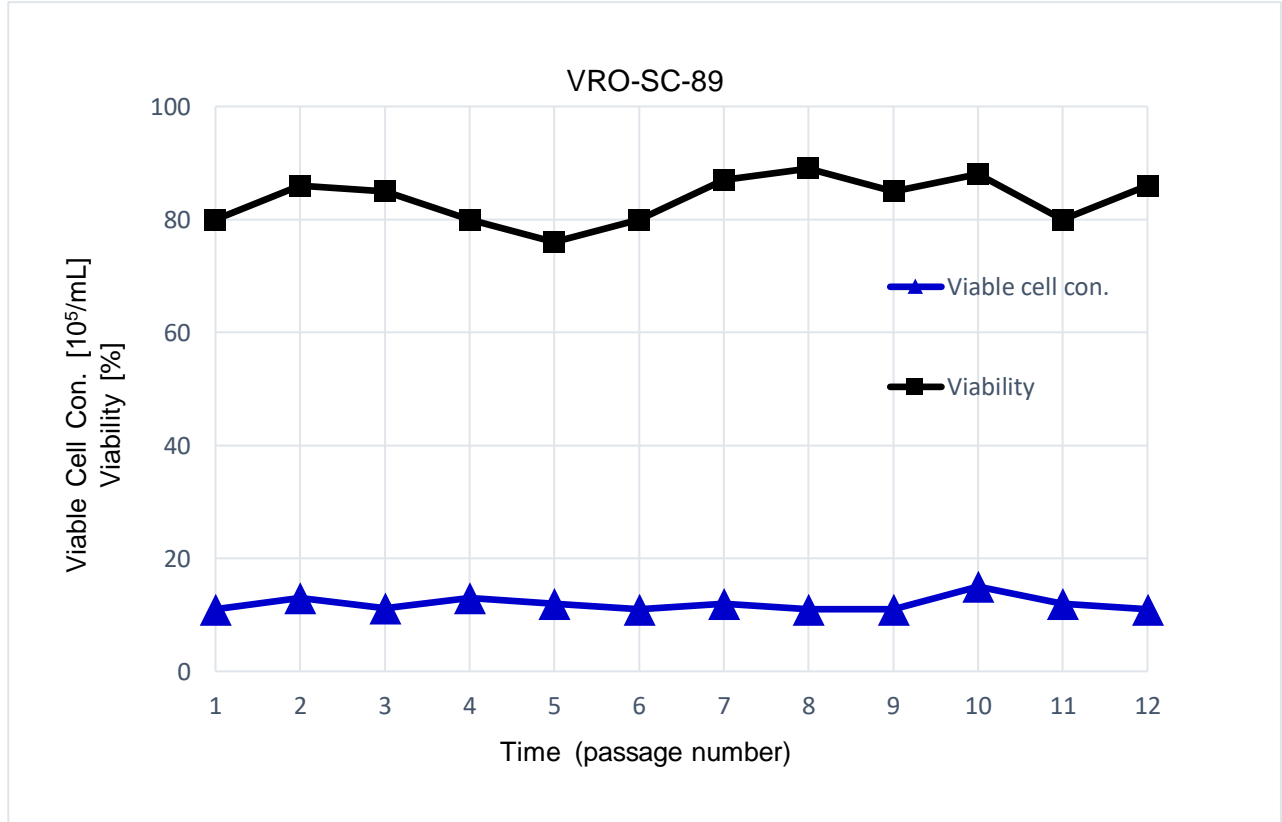


Figure 1: VERO suspension cells are cultured in stock culture (shake flask) in IMMORTELLE culture medium for 12 passages. Inoculation cell concentration was kept by  $3 \times 10^5$ /mL. Cells were cultured in shake flask. Cells were split every 3<sup>rd</sup> or 4<sup>th</sup> days.

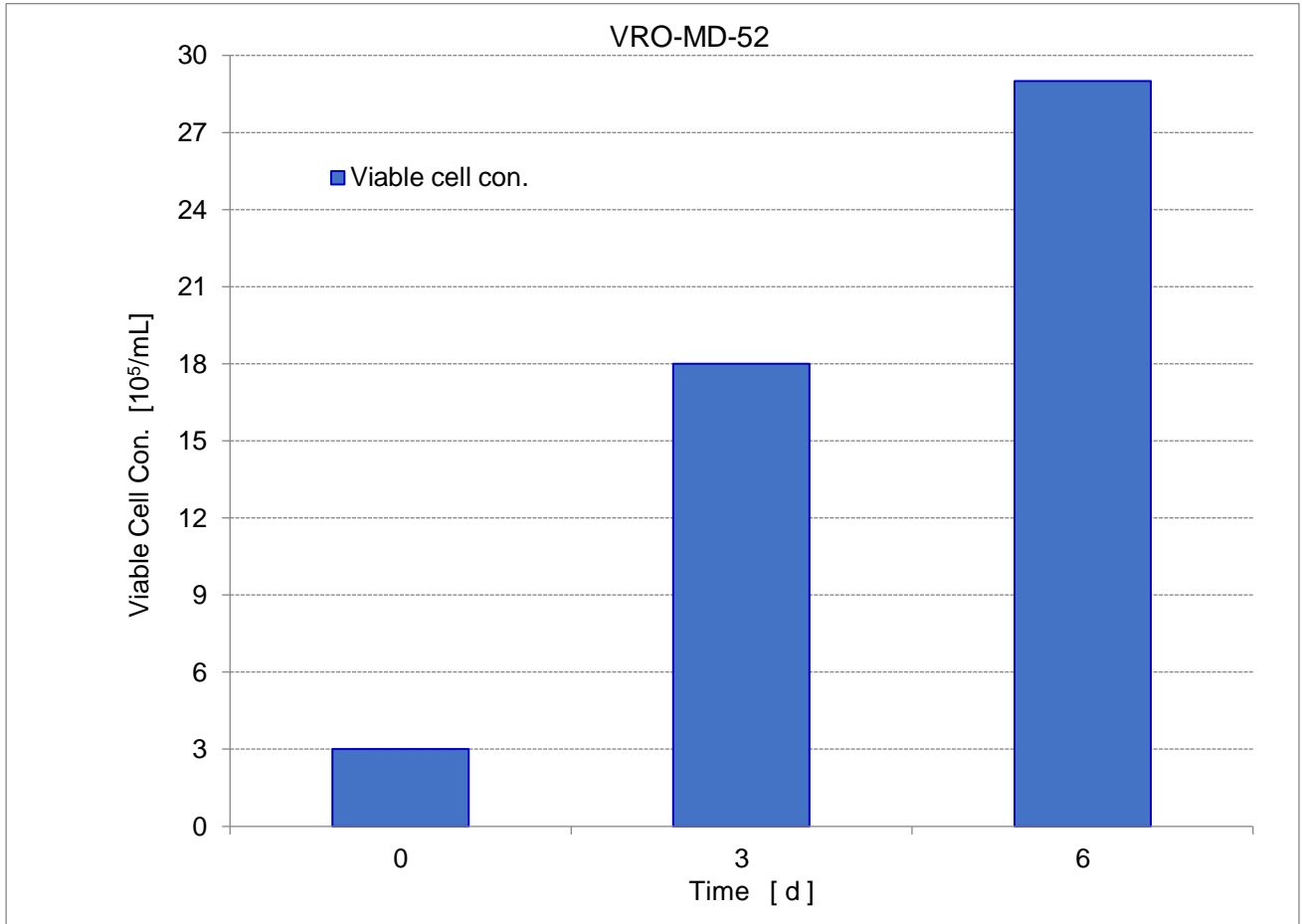


Figure 2: Cell growth performance of VERO suspension cells in IMMORTELE culture medium for 6 days as batch experiment. Experiment is performed in shake flask. Culture was inoculated with  $3 \times 10^5$ /mL and cells were cultured in batch for 6 days. Cells were counted at day 3 and 6.

## ORDERING INFORMATION

Name	Application	Formulation	Volume	Catalogue number
IMMORTELLE	Culture medium	Liquid	1 L	MMR3-L1
IMMORTELLE	Culture medium	Liquid	0,5 L	MMR3-L05

Custom made media are possible.

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