

LOTUS

VERO adherent culture medium

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

BENEFITS

Developed to maximize virus production with adherent VERO cells. The medium provides equivalent or higher growth of VERO 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

LOTUS medium is free of serum, animal components and hydrolysates. The medium is developed for maximal virus production in adherent VERO cells.

LOTUS medium is easy-to-use and suitable for microcarrier cultures. It requires minimal or no adaptation from serum containing media or other serum-free media.

APPLICATION

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

MEDIUM SPECIFICATION

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

LOTUS PERFORMANCE

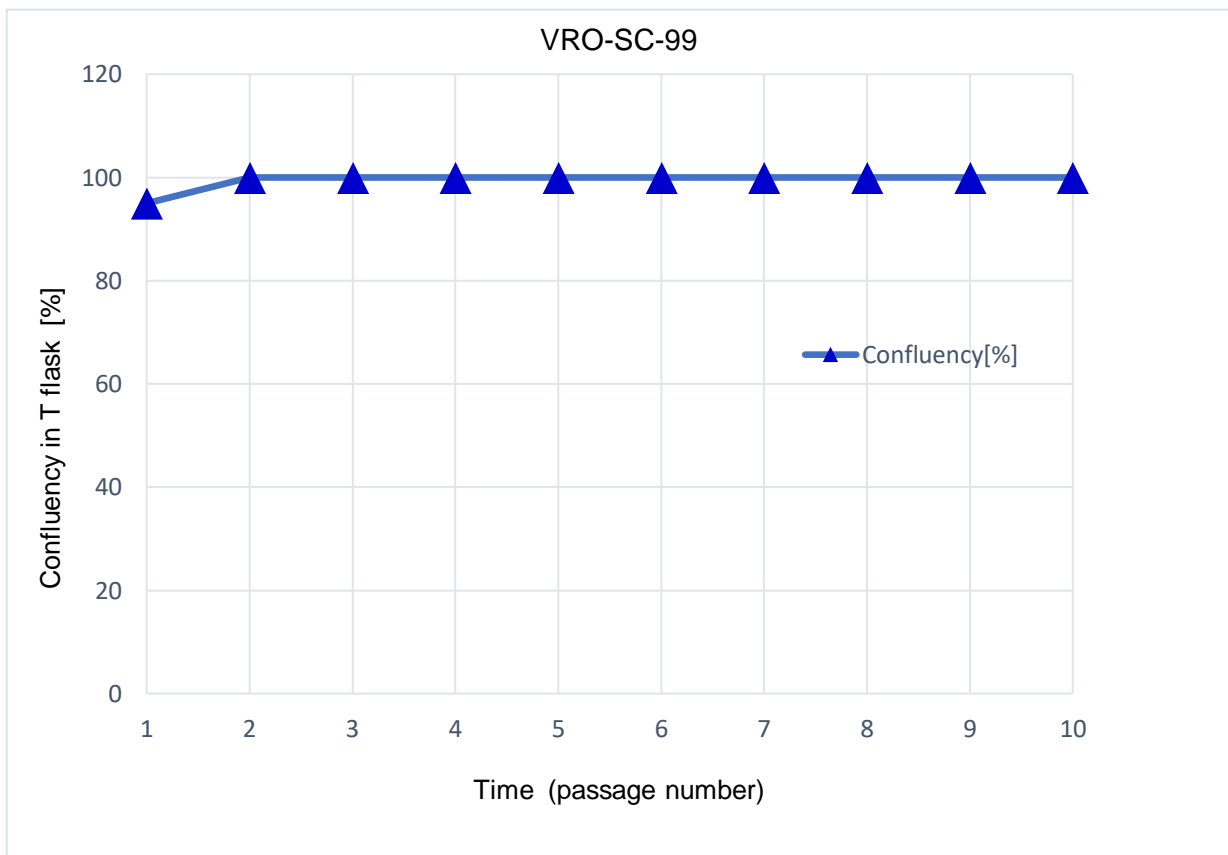


Figure 1: VERO adherent cells are cultured in stock culture (T flask) in LOTUS culture medium for 10 passages. Cells are cultured with 1:3 split ratio every 3rd day. The confluency of the T flask is estimated prior to cell split.

ORDERING INFORMATION

Name	Application	Formulation	Volume	Catalogue number
LOTUS	Culture medium	Liquid	1 L	LTS13-L1
LOTUS	Culture medium	Liquid	0,5 L	LTS13-L05

Custom made media are possible.

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